

# **Policies of the Dolphin Pointe of Dunedin Board of Directors**

## **Facilities**

### **Board Approved Improvements to Limited Common Elements**

Should the board permit an owner financed improvement on a common or limited common element, that improvement becomes the responsibility of the owner(s). Should the board require removal for maintenance of the area or for any reason deemed necessary by the board, the owner(s) shall be responsible for the removal and the board shall bear no responsibility for its replacement, if such replacement is approved by the board.

Date adopted: November 16, 2010

### **Roof Access by Owners**

Based on the following information from our insurance company, only licensed and insured contractors and our maintenance person (whom we have insured) will be permitted to be on our roof.

"The Association's workers compensation insurance carrier is not required to cover any bodily injury that happens on the roof or on a ladder over 10 feet to a volunteer or resident per their policy language; therefore, we do not advise that any residents or volunteers have roof access."

In the event that you want to check your contractor's work, please have your contractor take pictures and show them to you.

Adopted: September 13, 2018

# **Policies of the Dolphin Pointe of Dunedin Board of Directors**

## **Facilities**

### **Dolphin Pointe Unit Owners Kayak Storage Agreement**

For the purpose of this policy, Kayak refers to any small watercraft with size and weight similar to a kayak. (ie, Stand-up paddle board, wind surfer, etc.)

#### **Unit Owner rental procedure**

Dolphin Point has 40 kayak rack spaces. The Board determines the annual rental fee and assigns rental space(s) only to unit owners and on a first come priority. Maximum two rack spaces per unit owner. Rack spaces are not transferrable. If no vacant rack, owners may ask the Board to be placed on the waiting list. Proration after June 30 is ½ of the annual fee for the remaining year.

Rental payment is due on January 1st of each year to the Board. Nonpayment by the close of business on January 15th owners will receive a certified letter indicating nonpayment of the kayak fee and if payment is not received by January 31 property will be removed from the kayak rack. Items will be donated, sold, or given away, without further notice after January 31.

#### **Terms of use (interpretation of terms are at the discretion of the Board)**

Kayaks are stored on racks at owner's own risk and it is the owner's responsibility to secure the property.

It is the owner's responsibility to move items(s) promptly if notified by Dolphin Pointe for any reason, or to designate someone to do so if you are unavailable. It is recommended that owners take their kayaks into their units when they are not on the property for hurricane season or for any extended period of time;

Kayaks must be of size and weight so as to not overload the rack. They may not protrude into the walkway so as to cause a hazard or prevent the passage of equipment such as lawn mowers.

Any modification to the racks (rollers, pads, etc.) must be in writing to the Board and have prior approval of the Board. Modifications may not alter the integrity of the racks or permanently alter the racks. Any modifications must be removed after the rental expires.

Kayaks must be stored so as not to collect rainwater and overload the racks.

Any repairs required due to negligence of an owner will be charged to the owner.

Unit Owners rack/kayaks pass to the tenant during the lease terms.

Kayaks not on racks are not to be stored on the unit patios or balconies, common grounds, on vehicles in the parking areas, or on any limited common area.

By signing this agreement, I agree to release, indemnify and hold harmless Dolphin Pointe of Dunedin Condominium, as well as its employees, agents, representatives, successor, etc. from all losses, claims, theft, demands, liabilities, causes of action, or expenses, known or unknown, arising out of the storage rental of the kayak rack.

Unit #:	Owner #	Phone #
Kayak # 1 Color, type, other description:		
Kayak # 2 Color, type, other description:		
Owner Signature:		
Office Use Only – Assigned rack #		

**Adopted: March 12, 2019**

## **Policies of the Dolphin Pointe of Dunedin Board of Directors**

### **Facilities**

#### Financial Reimbursement for Addressing Emergencies in Units

Should an emergency occur in a unit, the board will respond to mitigate the problem and, if not present, notify the owner as to the problem. If the emergency was the result of something for which the owner is responsible, the owner shall arrange for any follow-up work such as clean-up and needed repair.

Association employees cannot be asked to do any work for a unit owner. Under no circumstances shall the worker perform any work that would require a licensed and insured contractor.

Date adopted: November 16, 2010

#### Entry into Owners Units

Other than the contracted pest control person on regularly scheduled extermination dates; and except in an emergency endangering life or damage to common or owner properties; two people will enter as follows: An attempt will be made to contact the owner, then; the Dolphin Point Maintenance person and a Board member / two Board Members / or Curt and a owner if formers are not available will enter. Owners will be notified of the date/time/reason for entry. (Note: owners may opt out of extermination visits.) An extermination schedule will be posted on bulletin board.

Revision 3, Adopted February 15th, 2011

## **Policies of the Dolphin Pointe of Dunedin Board of Directors**

### **Facilities**

#### **Determining repairs and reimbursements for units damaged by leaking pipes**

The Board's policy is to replace any leaking stack pipes or leaking common pipes that are internal in the condo unit walls discovered by unit owners rather than just repairing them. As part of this process, the Board will replace any drywall that is damaged while accessing the leaking pipe. Only the direct damage to the drywall as a result of a faulty pipe is the Association's responsibility.

These leaks must be brought to the Board's attention promptly. Mold problems caused by an undiscovered leak because the owner was absent will result in the Board replacing the leaking pipe and reimbursing the owner for the amount of the drywall that it would take to access the leaking pipe.

The Board encourages all absentee owners to assign someone to check their unit on a regular basis to minimize delay in discovering any leaks or problems of this nature.

Date Adopted: April 8, 2013

Reference Attorney's Letter dated February 26, 2013

## Policies of the Dolphin Pointe of Dunedin Board of Directors

### CAT REGISTRATION FORM

Owner Name: \_\_\_\_\_ Unit: \_\_\_\_\_

Cat Name: \_\_\_\_\_ Breed: \_\_\_\_\_

Pinellas County License # \_\_\_\_\_ Exp. Date: \_\_\_\_\_

Cats belonging to unit owners who have signed this pet permission agreement (as formulated from time to time by the Board of Directors) and cats which have been approved under the restrictions of Article XVII, Section 4 of the DOC, will be allowed within the Condominium and Association Property subject to the following restrictions:

1. All cats owned by residents must be registered with the Board. We must be made aware of the cat's presence in case of the need for emergency unit access and pest control services.
2. Cats must be confined to owner's unit and must not be allowed to roam free or be tethered. Cats are NOT permitted in ANY of the common areas of the property.
3. Cats are not permitted on unit balconies or patios.
4. Pet doors leading to the outside are not permitted.
5. Litter boxes and food may not be placed on any balcony or patio at any time.
6. Cats must be secured in a pet carrier or on a leash when being transported to and from owner's unit.
7. Litter must be double-bagged and disposed of directly into the garbage dumpsters via the first-floor access doors. Litter may not be dropped down the garbage chutes.
8. Litter CANNOT be flushed under any circumstances. Unit owner will be held financially responsible for the cost of any damages caused to plumbing pipes as determined by a licensed plumber.
9. Tenants renting any unit shall not be permitted to own a cat unless specifically authorized in writing by the unit owner. Owners who lease their units must require within the lease that the tenant be in compliance with our pet policy rules and regulations.
10. Shake cat items prior to laundering. Wipe out the inside of laundry machines used.
11. No cat shall be allowed to constitute a community nuisance. The following shall be grounds for complaint against a cat owner and for the finding of a community nuisance.

## Policies of the Dolphin Pointe of Dunedin Board of Directors

- Any violation of the pet regulations herein.
- Failing to restrain a cat from making excessive noise including screeching and howling which unreasonably disturbs neighbors.

Complaint will be handled by the Board of Directors and an attempt will be made to obtain an informal solution to the problem. A second violation will result in a written notice to the cat owner. Upon a third violation, the Board may require the cat be removed from the unit within 7 days.

The DOC of Dolphin Pointe Condominium Association referring to the acceptance of one domestic indoor cat per unit reads as follows:

Declaration, Article XVII Restrictions: All unit owners, in addition to any other obligation, duty, right and limitation imposed upon them by this Declaration, and the Articles of Incorporation and the Bylaws of the Association and the Condominium Act, shall be subject to, and agree to abide by, the following restrictive covenants, which shall be applicable to all unit owners, their families, guests, invites, tenants and lessees, to wit:

Section 4 Pet Limitation: No more than one (1) domestic cat may be kept as a household pet in any unit. No animal is permitted in any common areas of the building. No animal of any kind shall be bred, kept or maintained for any commercial purpose or cause any noise, odor or other nuisance which would unreasonably disturb the use and enjoyment of any portion of the building by other owners. All pet owners must abide by Pinellas County Animal Services ordinances. The Board reserve the right to require the removal of a pet that violates these rules.

By signing this Cat Registration form, I hereby certify that I understand the rules and regulations of cat ownership at Dolphin Pointe.

Cat Owner Signature \_\_\_\_\_ Date \_\_\_\_\_

Owner Phone Number \_\_\_\_\_

Board Member Signature \_\_\_\_\_ Date \_\_\_\_\_

Emergency Contact Person \_\_\_\_\_

Contact Person Phone Number \_\_\_\_\_

Relationship to cat owner \_\_\_\_\_

Adopted: October 27, 2016

**Notice to All Owners and Contractors**  
**Please make sure all your workers have this information.**

Copies of License and Insurance and any Permits must be supplied to the Office prior to work starting.

Loading and Unloading only in loading zones. No parking in loading zones.

Register your vehicles in visitor book located in lobby.

Construction noise is permitted between 9am and 6pm. Please be considerate of the neighbors.

Clean up after yourselves:

- Elevators must be cleaned of any construction debris immediately.
- Walkways and stairwells must always be kept clean and debris free. Walkways must not be blocked by tools or materials.
- Cutting of materials must be done in designated area only. Ask Maintenance or contact Board member—phone numbers are on Office Door.
- Construction debris must not be disposed of in Dolphin Pointe dumpsters.

No power tools or construction on Sunday. This is a City of Dunedin ordinance.

Contractors will be held financially responsible for any damages to Dolphin Pointe property resulting from negligence.

Adopted: August 24, 2017

## **Policies of the Dolphin Pointe of Dunedin Board of Directors**

### **Facilities**

Security Cameras has been removed.

Adopted: November 15, 2017



## **Policies of the Dolphin Pointe of Dunedin Board of Directors**

### **Facilities**

#### **Towing Policy**

In compliance with Florida State 715.07, Vehicles Parked on Private Property, Towing; the Board of Directors of Dolphin Pointe of Dunedin, to ensure the enforcement to the Condominium Documents and for the security and harmony of all unit owners, adopt the following Parking and Towing rules and regulations.

1. Automobiles may be parked only in areas designated for that purpose.
2. Parking spaces shall be used exclusively for parking automobiles in use and bearing current license plates.
3. Per our Declaration, Article XVII, Restrictions, Section 15:
  - a) The assigned parking spaces shall be used only for parking of private automobiles, in addition to vans, sport utility vehicles and pickup trucks up to a one-ton carrying capacity, provided that all such vehicles must fit in the parking spaces at the Condominium without obstructing other vehicles and
  - b) No other vehicles, including, but not limited to, motorcycles, boats, trailers, campers and recreational vehicles, shall be parked on the condominium property....
  - c) No commercial vehicles are allowed. These are defined as any vehicle containing signage, and vehicles that have been modified for commercial use or which contain commercial equipment on the exterior of the vehicle.
4. Written notice of violation will be placed on the vehicle informing the owner of the type of violation and that the vehicle will be subject to towing.
5. These rules and regulations shall apply equally to owners, their family, guests, tenants and everybody.
6. All vehicles in violation of the above rules and regulations will be towed at the owner's expense.
7. Our Documents require a form to assign a unit owner's parking space to another person. A copy of that form is attached.

Date Adopted: September 13, 2018

## **Policies of the Dolphin Pointe of Dunedin Board of Directors**

### **Facilities**

#### **PERMISSION TO TRANSFER USE OF ASSIGNED PARKING SPACE**

I hereby give permission for the undersigned to use my parking space until  
(Date)\_\_\_\_\_ or (if no date listed) further notice.

Unit #: \_\_\_\_\_

Name: \_\_\_\_\_  
(Owner)

Person to use space:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## **Policies of the Dolphin Pointe of Dunedin Board of Directors**

### **Facilities**

**DOLPHIN POINTE OF DUNEDIN CONDOMINIUM ASSOCIATION, INC.**

464 Paula Drive North

Dunedin, Florida 34698

Phone: 727.734.2993 Email: [dolphinpointe@outlook.com](mailto:dolphinpointe@outlook.com)

### **HURRICANE SHUTTERS POLICY**

The Dolphin Pointe of Dunedin Condominium Association, Inc. (the Association) requires all owners wishing to install hurricane shutters and/or storm panels to agree to the following regulations governing the use of hurricane shutters and/or storm panels to ensure the uniformity of installations for the safety and aesthetics of the community.

1. Hurricane shutters or panels may NOT be lowered in front of the windows or doors prior to 96 hours of projected landfall of the storm in Clearwater announced by the Pinellas County Emergency Management Office or before a Tropical Storm Watch or Hurricane Watch is issued by the National Weather Service.

2. Hurricane panels may NOT remain in place covering any windows or doors longer than 96 hours after the "All Clear" announcement by the Pinellas County Emergency Management Office.

It is the Board's intention that shutters and/or panels NOT be left in position for unnecessary periods in advance of or after the storm threat has passed. In the event successive hurricane warnings are issued by governmental authorities, there is no need to remove the shutters or panels between projected hurricane landfalls in the area.

3. Unit owners and residents who choose to install hurricane panels do so at their own risk and expense.

4. Unit owners and residents are responsible for the storage and maintenance of their hurricane shutters and/or panels. Hurricane panels may not be stored on common elements.

The undersigned owner agrees to comply with regulations passed by the Board of Directors regarding the use and storage of hurricane shutters and/or panels.

Unit: \_\_\_\_\_

Signed: \_\_\_\_\_  
(Owner)

Date: \_\_\_\_\_

## Policies of the Dolphin Pointe of Dunedin Board of Directors

DOLPHIN POINTE OF DUNEDIN CONDOMINIUM ASSOCIATION, INC.

464 Paula Drive North

Dunedin, Florida 34698

Phone: 727.734.2993 Email: [dolphinpointe@outlook.com](mailto:dolphinpointe@outlook.com)

### HURRICANE SHUTTERS SPECIFICATIONS

A. Hurricane shutters will be white aluminum horizontal roll-down, high impact tested interlocking slats to ensure protection from winds of at least 123 MPH. Shutter storage box for roll-down shutters must be made of aluminum, painted white, and be 5-sided. Motorized shutters are permitted.

Storm panels or accordion shutters will be white aluminum with similar strength and appearance characteristics to the roll down shutters. All storm panels must be installed using a trackless system.

Unit owners are welcome to propose alternative products that meet the requirements of the building code and substantially comply with this resolution.

All mounting hardware must be non-corrosive and white. All penetrations of the building must be sealed.

Sample pictures of shutters and storm panels must accompany this Request Form to ensure uniformity of appearance.

B. All work must comply in all respects with the building codes of the State of Florida, Pinellas County and City of Dunedin in effect on the day of installation.

C. Install company must be licensed, bonded and insured, and must provide written evidence with this Request Form.

### APPROVAL / DISAPPROVAL OF REQUEST

The above request is:

APPROVED: \_\_\_\_\_ OR DISAPPROVED: \_\_\_\_\_

Dolphin Pointe of Dunedin Condominium, Inc.:

By: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Title

Page 2 of 3 Hurricane Shutter Specifications

## **Policies of the Dolphin Pointe of Dunedin Board of Directors**

DOLPHIN POINTE OF DUNEDIN CONDOMINIUM ASSOCIATION, INC.  
464 Paula Drive North  
Dunedin, Florida 34698  
Phone: 727.734.2993 Email: dolphinpointe@outlook.com

### **HURRICANE SHUTTERS SPECIFICATIONS AND INSTALLATION REQUEST FORM**

The Florida Condominium Act [718.113(5)] requires all associations to provide specifications for hurricane shutters.

Dolphin Pointe of Dunedin Condominium Association, Inc. (the Association) requires all owners wishing to install hurricane shutters and/or storm panels to obtain written approval from the Association prior to installation. This policy is necessary to ensure the uniformity of installation and use of the shutters, to promote the safety and aesthetics of the community.

All installations must meet or exceed any legal requirements and conform with the appearance standards noted below. Contact the Board President with any questions.

Owner Name (Please Print) \_\_\_\_\_ Unit # \_\_\_\_\_

Daytime Phone # \_\_\_\_\_

Hurricane Shutter or Panel Vendor:

Name: \_\_\_\_\_ Phone # \_\_\_\_\_

Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Brief description of installation:

\_\_\_\_\_

Approximate Installation Date: \_\_\_\_\_

The undersigned owner requests approval for the installation of hurricane shutters and/or storm panels, and certifies to the Association that such installation will comply with building codes and other legal requirements that may be in place.

Signed: \_\_\_\_\_  
(Owner)

Date: \_\_\_\_\_

Page 3 of 3 Hurricane Shutter Specifications

Adopted: September 13, 2018

## **Policies of the Dolphin Pointe of Dunedin Board of Directors**

### **Facilities**

#### **Bike Policy at Dolphin Pointe**

We now have bike rack space for 36 bikes. There is also space for an additional bike rack behind the new one we just purchased when that may be needed. To support our current bike storage space we have enacted the following rules. Additional policy changes may be necessary in the future. At this time, we will not charge for bike storage. This will be re-assessed in one year.

#### **Dolphin Pointe Bike Policy:**

1. Unit owners who wish to have bike space for themselves or for use by their renters will have assigned bike rack space. Spaces will be identified by their parking lot number. They will also have yearly tags for their bikes with the same identifying number. Unit owners who ride their bikes frequently will be given first choice of bike space.
2. Unit owners will be limited to 2 bike spaces per condo. Space is not transferrable.
3. Florida Statutes: 718.106(4) states: "When a unit is leased, a tenant shall have all use rights in the association property and those common elements otherwise readily available for use generally by unit owners and the unit owner shall not have such rights except as a guest, unless such rights are waived in writing by the tenant." Since unit owners with a tenant in their unit do not have rights to use the facility during the lease term, unit owners who rent their units may not keep their bikes in the storage units. When the unit is rented, unit owners also may not keep their bikes in their assigned bike rack spaces unless such rights are waived in writing by the tenant.
4. As of April 17, 2019, only those unit owners who live here full time and who currently have bikes stored in the storage rooms are grandfathered to continue keeping their bikes in the storage rooms. Grandfathered bikes in the storage rooms must be stored in the identified bike area.
5. Dolphin Pointe reserves the right to remove bikes stored inappropriately. Unit owners will be notified by certified letter. Unit owners or

## **Policies of the Dolphin Pointe of Dunedin Board of Directors**

their representatives must then remove the bikes or Dolphin Pointe will donate or recycle them.

6. Bikes are stored at owner's own risk. Dolphin Pointe assumes no responsibility or liability for damage, theft, vandalism, personal accident or injury of any kind related to the use of the bike racks.
7. Bikes may not be stored on Dolphin Pointe Common Ground on balconies/porches or long term on vehicles.

It is recommended that, when leaving for 3 weeks or more, unit owners move their bikes into their unit for storage. This especially important during hurricane season.

## Policies of the Dolphin Pointe of Dunedin Board of Directors

### Facilities

#### Trucks

In order to clarify the definition of one-ton carrying capacity pickup trucks, we have the following current industry standard information.

This from our documents:

Declaration of Condominium, Dolphin Pointe of Dunedin Condominium Association, Inc  
Article XVII, Section 15: The assigned parking spaces, as described in Article XVI hereof, shall be used only for the parking of private automobiles, in addition to vans, sport utility vehicles and pickup trucks up to one-ton carrying capacity, provided that all such vehicles must fit in the parking spaces at the Condominium without obstructing other vehicles and no other vehicles, including, but not limited to, motorcycles, boats, trailers, campers and recreational vehicles, shall be parked on the condominium property, except in spaces provided thereof, if any. No commercial vehicles are allowed. These are defined as any vehicle containing signage, and vehicles that have been modified for commercial use or which contain commercial equipment on the exterior of the vehicle. The Board may adopt additional rules to define and implement these restrictions.

This from the current industry:

Please see this excerpt from <https://itstillruns.com>: "Pickup trucks typically come in three weight classes: ½ ton, ¾ ton and 1-ton. These numbers don't directly refer to the payload of the trucks, however. Rather, they are a hold-over from the past. Back in the mid-20<sup>th</sup> century, these categories indicated the actual maximum payload capacity of the truck. For instance, a ½ ton truck could carry half a ton – or 1,000 pounds – of passengers and cargo in its bed and cabin. Today, though, all pickups can carry substantially more than their weight classifications indicate. The system has been retained for historical reasons and because of industry and customer familiarity. In general, a ½ ton truck is considered light duty, a ¾ ton truck medium duty and a 1-ton truck heavy duty."

As an example, The Ford F-350 in old terms was referred to as a one-ton truck and today has a load capacity of 3,893 to 7,033 lbs.

In view of current load capacities of modern vehicles, the limitation of no more than a one-ton carry capacity of automobiles in assigned parking spaces in the Declaration of Condominium, Article XVII, Section 15 is updated and clarified: The Board now considers a load carrying capacity of 7,500 lbs. as an equivalent limitation.



## Balcony Protocols—Maintenance and Replacing Sliders

### Balcony Maintenance

Balcony furniture must have protective feet on any furniture placed on the balconies. Do not drag furniture across the surface.

Do not allow workers to do any cutting on your balcony. The metal shards can damage the waterproofing membrane.

Do not put full size carpeting on your balcony. They hold water. It is possible to use small “welcome mat” size carpets if you periodically make sure they dry out underneath. We do not recommend using any carpeting at all. Avoid outdoor grass carpets and types of rubber mats. They will trap moisture and dirt between the membrane and the carpet to not allow the membrane to breathe.

The balcony floorings will have to be cleaned periodically. If residents need to clean the floor, normal mild household cleaners are fine—no abrasives. Using a stiff broom may be effective.

The Association will be requesting inspections of the balconies twice a year to make sure there are no issues. Inspections allow potential issues to be identified and corrected before damage occurs. If a resident has caused any damage to the waterproofing membrane, we will be calling in WKM to repair the damage and this will be an owner expense.

Every five years, to renew the warranty, the waterproofing must be cleaned, refreshed and recoated to get an additional five-year warranty. When the five-year warranty work is being done, those screened enclosures must again come off (actually every five years). If the enclosures don't come off, the warranty work can't be completed to the end of the balconies. Anyone who puts a screened enclosure back on a balcony will need to know that the City of Dunedin now requires individual permits for each balcony installation and permits will require an engineer or architect's drawings to be submitted. Any screen enclosure removal, replacement, wall repair and paint is an owner's expense.

This maintenance refreshing/recoating can be done at 5 year and 10 years. At the 15-year mark, the balconies will need the coating removed and entire new coating work done. Details are kept in an office file.

The products being used inside the concrete work are expected to last 20-25 years because of all the precautions they are taking now. The longer we keep up maintenance and the warranties, the longer our building is protected.

The balcony warranty ends at the slider door.

## Adding New Slider Doors to a Balcony

New sliders require a licensed, insured contractor and permits from the City of Dunedin. You must fill out the Homeowner Alteration and Improvement Request Form and submit it to our property manager for board approval.

Dispose of the old door and all construction materials off-property. No construction materials go into our dumpsters.

Attached is a generic sketch that follows BASF's required protocol (see below) to keep warranty intact.

Sketch(s) are NOT to scale and are exaggerated to show detail for the different coats of waterproofing.

All/any concrete repairs should be conducted prior to the owner's contractor setting the new door (repairs will require using a structural engineer and get the repairs inspected by city however). These concrete repairs are an Association cost.

All fasteners that penetrate concrete should be stainless steel and preferably set in urethane sealant to "self-seal".

WKMRG & BASF warranty ends at the door, regardless of what option they do below, so concrete repairs and the owner's contractor's attention to detail with regards to using stainless steel fasteners and drying them is on them. If they do not, it will not impact the balcony waterproofing warranty; however, if they do it, would be "better practices".

Narrative from BASF is as follows;

Option 1 with coating under new door is preferred.

Option 2 with coating stopping at new door is an option; however, option 1 is highly recommended!

For the current waterproofing conducted by WKMRG and any new waterproofing installed after a new door is installed; warranty will terminate at the door assuming the owner's contractor followed BASF guidelines.

### Option 1.

- Generally when a new sliding glass door is installed they will install MasterSeal M 200 waterproofing membrane under the new threshold and a minimum of 1" onto the existing TC 225 top coat that has been deglossed, xylene wiped and allowed to properly flash, followed by wet setting the fasteners in CR 195 or NP1 urethane sealant.
- Install a cant bead of CR 195 or NP1 urethane at the deck-to-sliding glass door transition.

- Apply one coat of MasterSeal M 200 two inches onto the deck, that has been deglossed, xylene wiped and allowed to properly flash, wrapping the M 200 onto the urethane sealant.
- Apply one coat of TC 225 top coat over the M 200 and hand sprinkle deck coating aggregate and encapsulate.

Install per the attached Traffic 1500 technical data guide.

#### Option 2.

- Install a cant bead of CR 195 or NP1 urethane at the deck-to-sliding glass door transition
- Apply one coat of MasterSeal M 200 two inches onto the deck, that has been deglossed, xylene wiped and allowed to properly flash, wrapping the M 200 onto the urethane sealant.
- Apply one coat of TC 225 top coat over the M 200 and hand sprinkle deck coating aggregate and encapsulate.

Install per the attached Traffic 1500 technical data guide.

Lastly, to eliminate an appearance issue to the owner and based on the fact that the materials come in 5g pails, owner's contractor should consider the following to eliminate a "line" from showing (their new coating to WKMRG existing coating). After the new door is installed,

Lightly rinse deck to remove any foreign substances (eg. dirt, dust, salts, etc.)

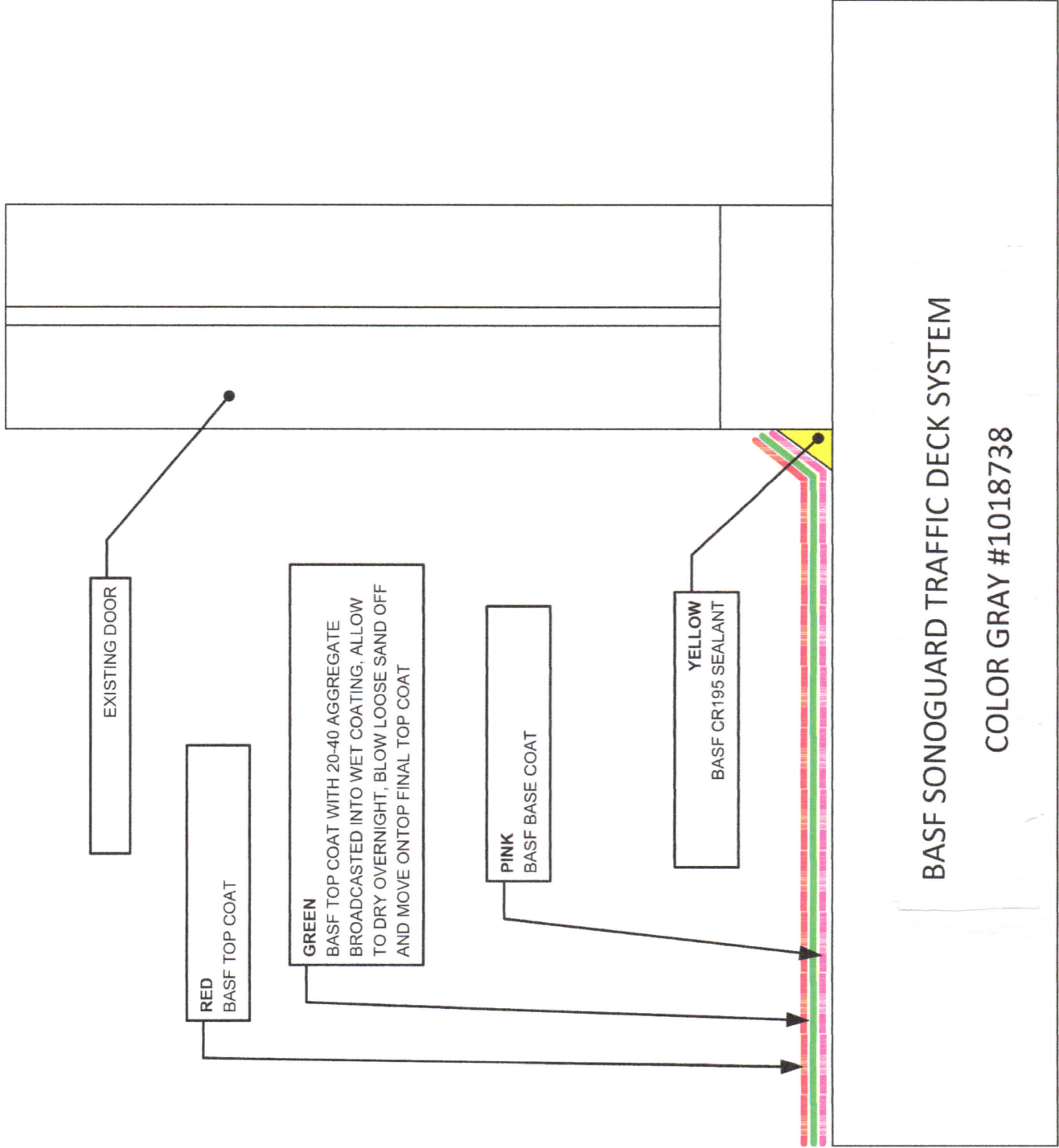
Xylene wipe the entire deck.

Apply first coat of BASF TC225 with adhesion promoter.

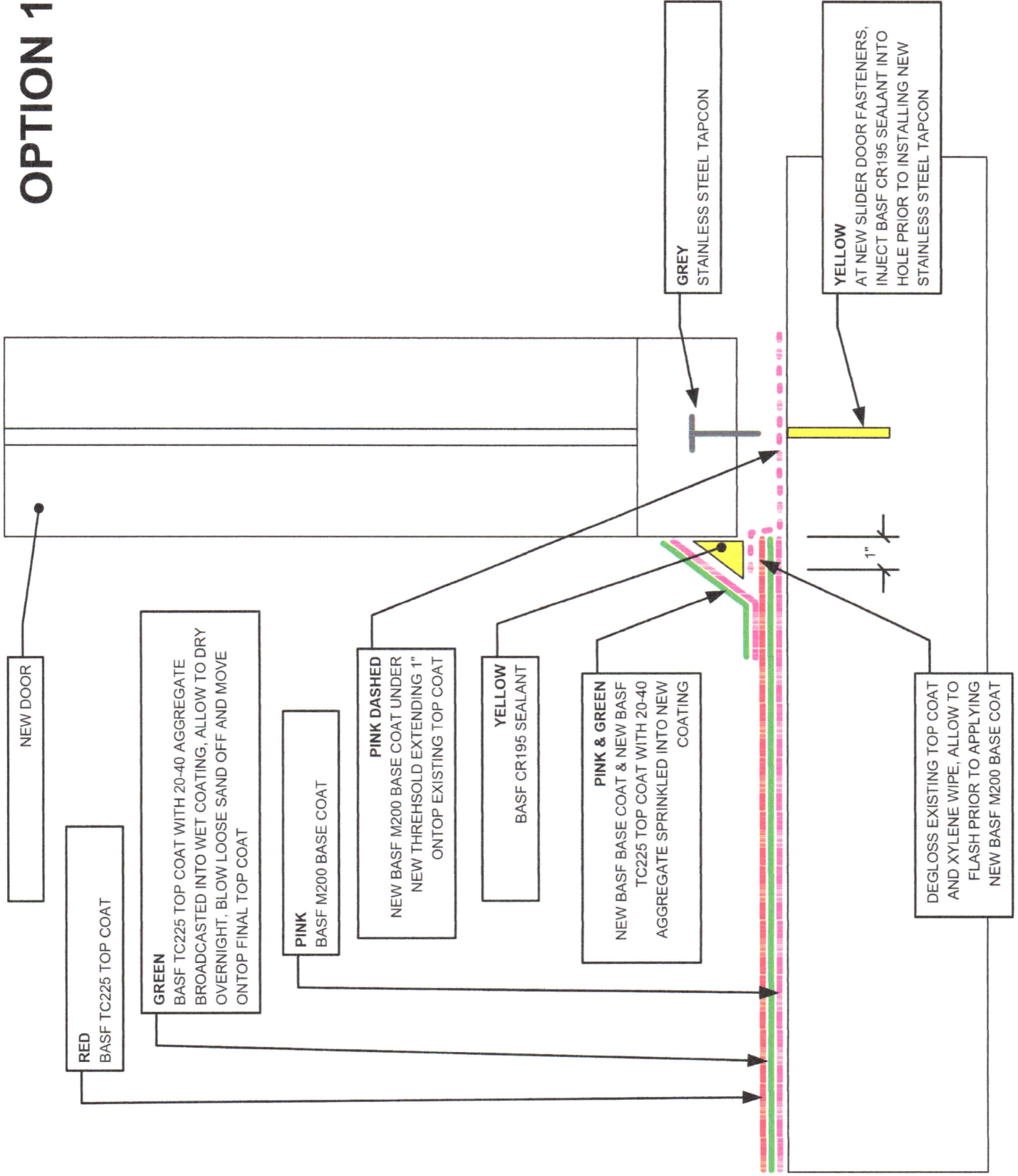
While coating is still wet, broadcast 20-40 aggregate, allow to dry overnight.

Blow excess sand off deck and then apply the second coat of BASF TC225.

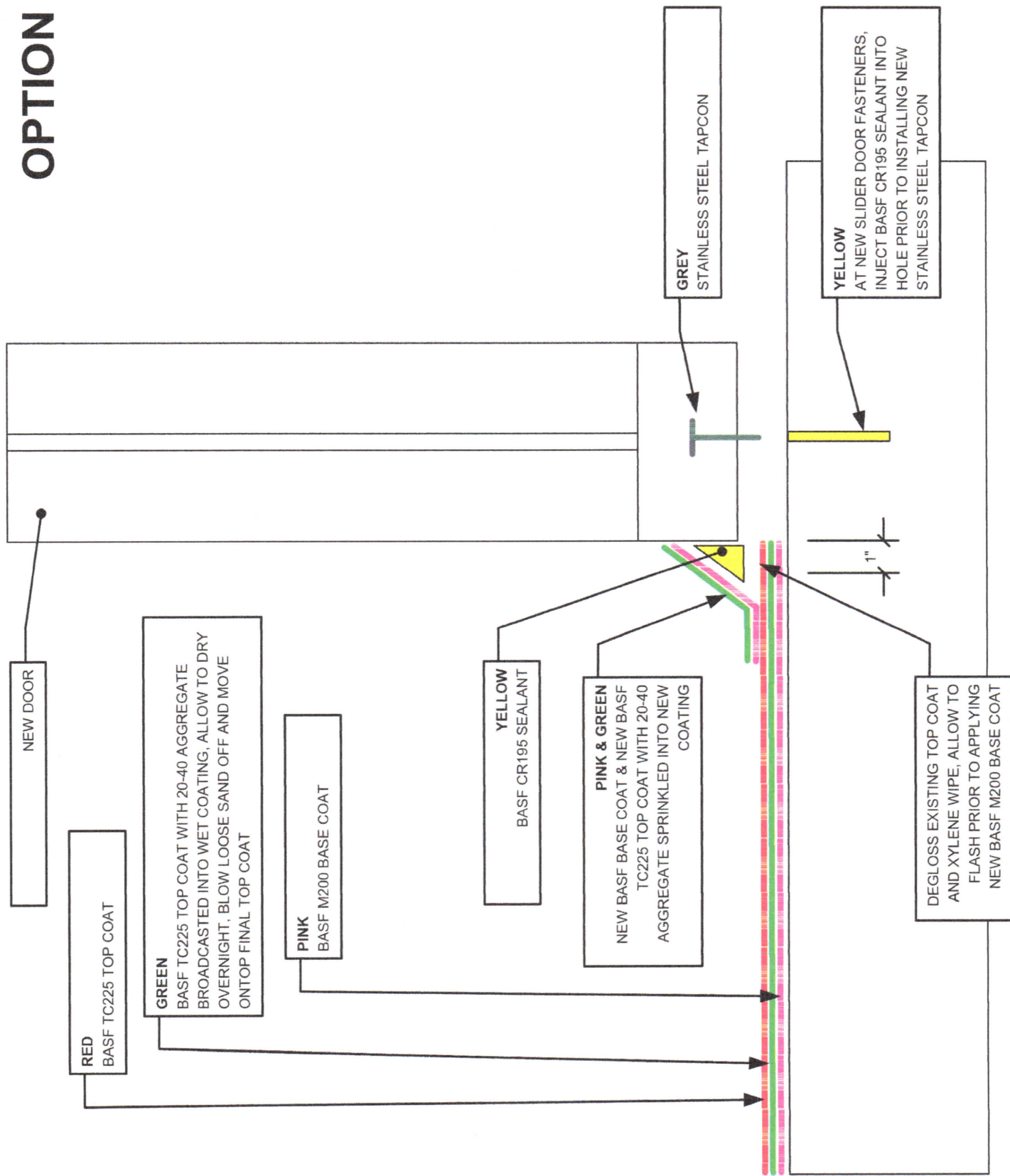
Coating application should follow BASF technical bulletins, attached is the information for the caulking "CR195" and the waterproof coating "MS1500".



# OPTION 1



# OPTION 2



# MasterSeal® Traffic 1500

Polyurethane waterproofing, traffic-bearing membrane systems for vehicular and pedestrian areas

FORMERLY SONOGUARD®

## PACKAGING

- MasterSeal P 222:  
5 gallon (18.93 L) pails
- MasterSeal P 220:  
- 4 gallon (15.14 L) units in  
- 5 gallon pails (18.93 L)
- MasterSeal M 200,  
(self-levelling and slope-grade):  
- 5 gallon (18.93 L) pails  
- 55 gallon (208 L) drums
- MasterSeal TC 225:  
- 5 gallon (18.93 L) pails  
- 55 gallon (208 L) drums
- MasterSeal 914: 1 pint (473 mL) cans
- MasterSeal 915 (for recoat applications):  
0.5 pint (236 mL) cans

## YIELD

See chart on page 3

## COLORS

Gray, Charcoal, Tan, Dark Tan

## STORAGE

Store in unopened containers in a cool, clean, dry area

## SHELF LIFE

- MasterSeal M 200 and TC 225:  
5 gal pails, 1 year when properly stored
- MasterSeal 914: pint cans:  
2 years when properly stored
- MasterSeal 915:  
1 year when properly stored
- MasterSeal 900:  
5.5 years when properly stored

## DESCRIPTION

MasterSeal Traffic 1500 waterproofing systems are composed of:

- MasterSeal M 200, a one-component, moisture-curing polyurethane.
- MasterSeal TC 225, a one-component aliphatic moisture-curing polyurethane.
- MasterSeal TC 225 Tint Base

Note: MasterSeal TC 225 Tint Base is intended for pedestrian use only and are not suitable for vehicular traffic.

For projects requiring primer, two choices are available:

- MasterSeal P 222, a one-component solvent-based primer and sealer,
- MasterSeal P 220, a two-component waterborne epoxy primer and sealer.

## PRODUCT HIGHLIGHTS

- MasterSeal 941DR aggregate is free of respirable crystalline silica.
- Primer coat not typically required which helps to reduce labor and material costs
- Waterproof which helps to protect concrete from freeze/thaw damage; protects occupied areas below from water damage
- Excellent chloride resistance provides protection against chloride intrusion; extends the life of reinforcing steel
- Seamless elastomeric membrane offers excellent durability and superior abrasion resistance, has no seams that may result in leaks
- Provides skid resistance to increase safety and offers excellent durability and superior abrasion resistance
- Multiple systems available, making MasterSeal Traffic 1500 ideal for various vehicular or pedestrian traffic solutions
- Repairable and recoatable to extend the useful life of the system
- Four standard colors: gray, charcoal gray, tan and dark tan
- For TC 225 Tint Base: 40 standard colors utilizing MasterSeal 900 color packs (Pedestrian use only)

## VOC CONTENT

- MasterSeal M 200:  
- Self-levelling grade:  
196 g/L less water and exempt solvents  
- Flash/slope grade: 71.0 g/L  
less water and exempt solvents
- MasterSeal TC 225: 209 g/L  
less water and exempt solvents.

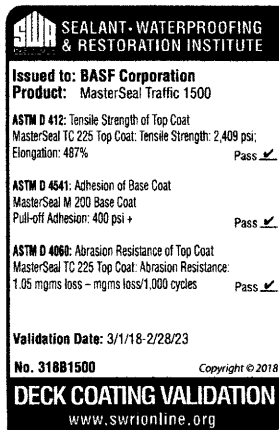
## Technical Data

### Composition

MasterSeal Traffic 1500 is a moisture-curing polyurethane membrane.

### Compliances

- UL 790 Class A Fire Rating
- ASTM C 957
- ASTM E 108
- ASTM E 84
- CSA S413



## Test Data

PROPERTY	M 200	RESULTS	TC 225	TEST METHOD
<b>Weight per gallon, lbs (kg)</b>	9.9 (4.5)		9.1 (4.1)	ASTM D 1475
<b>Specific gravity, kg/L</b>	1.19		1.09	
<b>Solids</b>				ASTM D 1259
By weight, %	84		77	
By volume, %	81		75	
<b>Viscosity, cps</b>	4,000–9,000		2,000–4,000	ASTM D 2393
<b>Flash Point, °F (°C)</b>	104 (40)		105 (40.5)	ASTM D 56

\*Uncured material

## PROPERTIES OF CURED MEMBRANES

PROPERTY	M 200	RESULTS	TC 225	TEST METHOD REQUIREMENTS
<b>Hardness, Shore A</b>	60		89	ASTM D 2240
<b>Tensile strength, psi (MPa)</b>	752 (5.2)		2,500 (17.2)	ASTM D 412
<b>Elongation, %</b>	595		502	ASTM D 412
<b>Tear strength, PIT</b>	74		199	ASTM D 1004
<b>Weight loss, %</b>	16		17	Max: 40
<b>Low temperature flexibility and crack bridging</b>	No Cracking		No Cracking	No Cracking
<b>Adhesion in peel after water immersion, pli,</b>				
Primed mortar	43		N/A	5
Plywood	34		N/A	5
<b>Adhesion (Pull-off), psi</b>				
Base Coat	275		N/A	ASTM D 4541

## CHEMICAL RESISTANCE TENSILE RETENTION (ASTM C 957)

CHEMICAL	M 200	RESULTS	TC 225	REQUIREMENTS
<b>Ethylene glycol</b>	88		92	Min: 70
<b>Mineral spirits</b>	47		60	Min: 45
<b>Water</b>	96		83	Min: 70

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.



## Test Data, cont.

	LIGHT TO MEDIUM TRAFFIC & PEDESTRIAN	HEAVY DUTY (REFUSAL METHOD)	EXTRA HEAVY DUTY (REFUSAL METHOD)
<b>Weight per gallon, lbs (kg)</b>	9.9 (4.5)	9.1 (4.1)	ASTM D 1475
<b>Base coat</b>			
Wet mils (mm)	25 (0.64)	25 (0.64)	25 (0.64)
Dry mils (mm)	20 (0.5)	20 (0.5)	20 (0.5)
Coverage <sup>1</sup>	55–60 (1.35–1.5)	55–60 (1.35–1.5)	55–60 (1.35–1.5)
<b>Mid coat</b>			
Wet mils (mm)	None	20 (0.5)	25 (0.64)
Dry mils (mm)	None	15 (0.4)	20 (0.5)
Coverage <sup>1</sup>	None	75–80 (1.83–1.97)	55–60 (1.35–1.5)
<b>Finish coat</b>			
Wet mils (mm)	25 (0.64)	20 (0.5)	20 (0.5)
Dry mils (mm)	20 (0.5)	15 (0.4)	15 (0.4)
Coverage <sup>1</sup>	55–60 (1.35–1.5)	75–80 (1.83–1.97)	75–80 (1.83–1.97)
<b>Aggregate<sup>2</sup></b>			
lbs per 100 ft <sup>2</sup> (kg/m <sup>2</sup> )	18–30 (0.8–1.5)	23–40 (1.15–2.0)	23–40 (1.15–2.0)

Coverage rates are approximate and may vary due to the application technique used.

Actual coverage rate will also depend on finish and porosity of the substrate.

<sup>1</sup> Coverage is ft<sup>2</sup>/gal (m<sup>2</sup>/L)

<sup>2</sup> Combined amount of aggregate, mid & topcoat (16–30 mesh rounded silica sand or proportional equivalent)

## INDUSTRIES/SECTORS

- Stadiums
- Balconies
- Parking Garages
- Commercial Construction
- Building and Restoration
- Plywood decks/balconies
- Plaza decks

## HOW TO APPLY

### SURFACE PREPARATION

#### CONCRETE

1. Concrete must be fully cured (28 days), structurally sound, clean and dry (ASTM D 4263). All concrete surfaces (new and old) must be shot blasted to remove previous coatings, laitance and all miscellaneous surface contamination and to provide profile for proper adhesion. Abrasive shot blasting must occur after concrete repair has taken place. Acid-etching is not permitted. Proper profile should be a minimum of ICRI CSP-3 (as described in ICRI document 03732.) For balconies and other pedestrian areas with limited space or access for shot-blasting, alternative mechanical methods can be used to achieve the recommended surface profile.
2. Repair voids and delaminated areas with BASF branded cementitious and epoxy patching materials. For application when fast-turn repairs

are required, MasterSeal 350 can be used to repair patches up to 1.5" in depth when used in aggregate slurry mix. Please refer to the MasterSeal 350 Technical Data Guide for proper application techniques.

3. All units must be applied within the specified pot life.

#### SURFACE PRE-STRIPPING AND DETAILING

1. For nonmoving joints and cracks less than 1/16" (1.6 mm) wide, apply primer when required, followed by 25 wet mils (0.6 mm) pre-stripping of MasterSeal M 200. MasterSeal M 200 must be applied to fill and overlap the joint or crack 3" (76 mm) on each side. Feather the edges.
2. Dynamic cracks and joints 1/16" (1.6 mm) and greater wide must be routed to a minimum of 1/4 by 1/4" (6 by 6 mm) and cleaned. Install bond breaker tape to prevent adhesion of sealants to the bottom of joint. When required, primer all joint faces only with MasterSeal P 173 (see Form No. 1017962). Fill joints deeper than 1/4" (6 mm) with appropriate backer rod and MasterSeal SL 1™/SL 2™ (slope grade or self-leveling) or MasterSeal NP 1™/NP 2™ sealants. For cracks, sealant should be flush with the adjacent concrete surface. For expansion joints, sealant should be slightly concave. Once the sealant is cured the lines should be prestriped with base coat MasterSeal M 200, overlap the joint 3" (76 mm) on each side.

3. Sealed joints 1" (25 mm) or less can be coated over with MasterSeal Traffic 1500. Expansion joints exceeding 1" (25 mm) wide should not be coated over with MasterSeal Traffic 1500 so that they can perform independently of the deck coating system.

4. Where the coating system will be terminated and no wall, joint or other appropriate break exists, cut a 1/4" x 1/4" (6 x 6 mm) keyway into the concrete. Fill and coat keyway during application of MasterSeal M 200.

5. Form a sealant cant into the corner at the junction of all horizontal and vertical surfaces (wall sections, curbs, columns). Prime with MasterSeal P 173 and apply a 1/2–1" (13–25 mm) wide bead of MasterSeal NP 1 or MasterSeal NP 2 sealants. Tool to form a 45 degree cant. Apply masking tape to the vertical surfaces 4–5" (102–127 mm) above the sealant cant to provide a clean termination of the vertical detail coat. After the sealant has cured, apply 25 mils (0.64 mm) of MasterSeal M 200 over the cured cant up to the masking tape and 4" (102 mm) onto deck surface.

6. In locations of high movement such as wall and slab intersections, a reinforcing fabric is required. After the sealant cant bead is applied and cured, apply 25 wet mils of MasterSeal M 200 over the sealant and embed MasterSeal 995 reinforcing fabric into the wet detail coat.

#### UNCOATED METAL SURFACES

1. Remove dust, debris, and any other contaminants from vent, drain-pipe and post penetrations, reglets and other metal surfaces. Clean surfaces to near white per SSPC-NACE2 and prime immediately with MasterSeal P 173. Provide appropriate cant with MasterSeal NP1/NP2. Apply a detail coat of 25 wet mils of MasterSeal M 200 over the primed metal and sealant.

#### PLYWOOD

1. All plywood must be smooth-faced, APA-stamped and exterior grade tongue and groove. Construction must conform to code, but plywood must not be less than  $\frac{3}{8}$ " (20 mm) thick. Plywood spacing and deck construction must follow APA guidelines.
2. Surfaces must be free of contaminants. Priming is not necessary on clean, dry plywood.
3. All seams must be caulked with MasterSeal NP 1 or MasterSeal NP 2 sealants. Pre-stripe 4–6" (102–152 mm) wide with 25 wet mils (0.64 mm) of M 200. Reinforce all seams between plywood sheets and between flashing and the plywood deck by embedding MasterSeal 995 Reinforcing Fabric into the pre-stripping.

#### HOW TO APPLY COLOR

1. All of the 40 standard colors from the Popular Palette for Sealants and Waterproofing require the use of 2 NP 2™ color packs per 5 gallon pail of Sonoguard® Tint-Base.
2. A second aesthetic Top Coat of 10–15 wet mils (0.2–0.4 mm) is required with all Tint-Base colors to achieve a uniform appearance.

#### MIXING

1. Transfer entire contents of pigment cans into Sonoguard® Top Coat Tint-Base. Use a spatula or knife to remove all the pigment from the container.
2. With a slow-speed drill and Jiffy mixer, mix 4–6 minutes. The paddle blade must be kept below the surface of the Tint-Base to avoid whipping air into it.
3. To ensure consistent color throughout the pail, pour contents into separate container and continue mixing until all Tint-Base has dispersed.
4. When using multiple units, all units must be boxed to ensure color consistency.

#### APPLICATION OF PRIMER

##### PRIMER

NOTE: When primer is required on a job, follow these steps. When applying Traffic 1500 without using a primer, proceed to Application.

1. After thoroughly vacuuming the surface, apply MasterSeal P 222 or P 220 to all the properly prepared deck surfaces at the rate of 200–250 ft<sup>2</sup>/gal (4.9–6.1 m<sup>2</sup>/L). Using a roller pan and a short- to medium-nap roller cover, force the primer into pores and voids to eliminate pinholes. Do not apply over pre-stripping. Use only solvent-resistant tools and equipment.
2. Allow primer to dry until tack-free. M 200 must be applied the same working day.

##### MASTERSEAL M 200

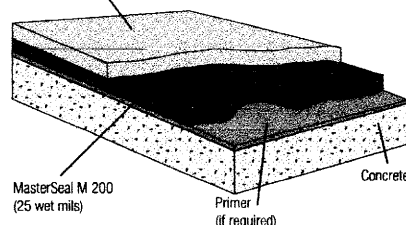
1. All preparatory work must be completed before application begins. Be certain the substrate is clean, dry, stable and properly profiled. Sealants and pre-stripping should be properly cured. Apply the base, mid and finish coats with a properly sized squeegee to arrive at the required mil thicknesses.
2. Apply MasterSeal M 200 at 25 wet mils thick (0.64 mm) using a proper notched squeegee to entire deck surface, and back roll, overcoating the properly prepared cracks, joints and flashings. For sloped areas, use slope-grade MasterSeal M 200. Do not coat expansion joints over 1" (25 mm) wide. Slope grade product should be used on a slope greater than 15%.
3. Allow curing time of overnight (16 hour minimum). Extend the curing time in cool or dry weather conditions. The surface of MasterSeal M 200 should have a slight tack. If the coating has been exposed for a prolonged period, consult Technical Service for recommendations.

#### APPLICATION METHODS OF SYSTEMS

MasterSeal Traffic 1500 can be installed in several configurations, depending upon the degree of traffic to which the system is exposed. In areas of extreme traffic (turning lanes, pay booths, entrances and exits), apply the Extra Heavy-Duty Traffic System. The following summary briefly describes each configuration. All coverage rates are approximate.

#### LIGHT TO MEDIUM DUTY TRAFFIC AND PEDESTRIAN SYSTEM

MasterSeal TC 225 (25 wet mils)  
with aggregate backrolled into wet top coat

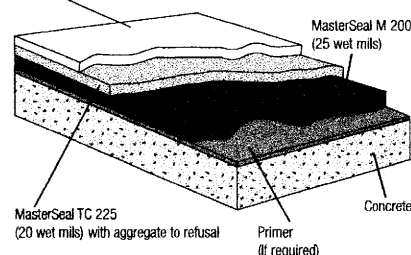


#### LIGHT- TO MEDIUM- DUTY TRAFFIC & PEDESTRIAN SYSTEM

1. Prime concrete substrate (if required).
2. Apply 25 (0.64 mm) wet mils of MasterSeal M 200 using a proper notched squeegee at 55–60 ft<sup>2</sup>/gal (1.35–1.47 m<sup>2</sup>/L). Immediately backroll to level base coat. Allow to cure overnight.
3. Apply 25 wet mils (0.64 mm) MasterSeal TC 225 using a proper notched squeegee at 55–60 ft<sup>2</sup>/gal (1.35–1.47 m<sup>2</sup>/L). Immediately backroll to level MasterSeal TC 225 material. While the coating is still wet, broadcast MasterSeal 941/941 DR or equivalent 16–30 rounded silica sand at 15–25 lbs/100 ft<sup>2</sup>/gal (0.75–1.25 kg/m<sup>2</sup>), then backroll into the coating to fully encapsulate.
4. When installing the MasterSeal TC 225 Tint, Base, a second coat may be required for proper hiding. A mock up should be performed to address any aesthetic expectations.

#### HEAVY DUTY TRAFFIC SYSTEM (Aggregate to refusal method)

MasterSeal TC 225 (20 wet mils)



#### HEAVY-DUTY TRAFFIC SYSTEM

1. Prime concrete substrate (if required).
2. Apply 25 (0.64 mm) wet mils of MasterSeal M 200 or using a proper notched squeegee at 55–60 ft<sup>2</sup>/gal (1.35–1.47 m<sup>2</sup>/L). Immediately backroll to level base coat. Allow to cure overnight.

3. Apply 20 wet mils (0.51 mm) MasterSeal TC 225 using a notched squeegee at 75–80 ft<sup>2</sup>/gal (1.83–1.97 m<sup>2</sup>/L). Immediately backroll to level MasterSeal TC 225. The next step, #4, can utilize either method described in 4A or 4B.

#### 4A. AGGREGATE TO REFUSAL METHOD

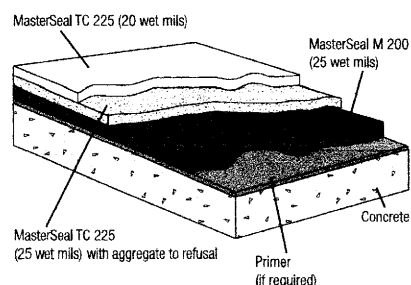
Immediately broadcast MasterSeal 941/941 DR or equivalent 16–30 mesh, rounded silica sand into the wet coating at the rate of 20–35 lbs/100 ft<sup>2</sup> (1.0–1.75 kg/m<sup>2</sup>). Immediately after the aggregate broadcast and while the coating is still wet, blow any excess aggregate via a portable blower forward into the wet coating. Do not over apply aggregate; it is acceptable to have localized wet spots in the aggregate surface after completion of this method. This process requires coordination between all of the members in the work crew. The blower operator, wearing clean spiked shoes, should blow the excess aggregate forward towards the freshly applied and back rolled topcoat. In this method, the coating should not accept additional sand, minimal excess aggregate is on the surface, less aggregate is used and the textured appearance should be fairly uniform.

#### 4B. BROADCAST AND BACKROLL METHOD

Immediately broadcast MasterSeal 941/941 DR or equivalent 16–30 mesh, rounded silica sand into the wet coating and backroll to encapsulate the aggregate. Evenly broadcast aggregate at the rate of 15–20 lbs/100 ft<sup>2</sup> (0.75–1.0 kg/m<sup>2</sup>). Allow to cure overnight.

5. Ensure there is no moisture on the surface of the aggregate/membrane before application of topcoat. Remove all loose aggregate, then apply 20 wet mils using a flat squeegee at 75–80 ft<sup>2</sup>/gal (1.84–1.96 m<sup>2</sup>/L). Immediately backroll to level MasterSeal TC 225.
6. For additional slip resistance, immediately broadcast MasterSeal 941/941 DR or equivalent 16–30 rounded silica sand at a rate of 3–5 lbs/100 ft<sup>2</sup> (0.15–0.25 kg/m<sup>2</sup>) and backroll to encapsulate.

#### EXTRA HEAVY-DUTY SYSTEM (Aggregate to refusal method)



#### EXTRA-HEAVY DUTY SYSTEM

1. Prime concrete substrate (if required).
2. Apply 25 (0.64 mm) wet mils of MasterSeal M 200 using a proper notched squeegee at 55–60 ft<sup>2</sup>/gal (1.35–1.47 m<sup>2</sup>/L). Immediately backroll to level base coat. Allow to cure overnight.
3. Apply 25 wet mils (0.64 mm) MasterSeal TC 225 or using a properly notched squeegee at the rate of 55–60 ft<sup>2</sup>/gal (1.35–1.47 m<sup>2</sup>/L). Immediately backroll to evenly level topcoat. The next step, #4, can utilize either method described in 4A or 4B.

#### 4A. AGGREGATE TO REFUSAL METHOD

Immediately broadcast MasterSeal 941/941 DR or equivalent 16–30 mesh, rounded silica sand into the wet coating at the rate of 20–35 lbs/100 ft<sup>2</sup> (1.0–1.75 kg/m<sup>2</sup>). Immediately after the aggregate broadcast and while the coating is still wet, blow any excess aggregate via a portable blower forward into the wet coating. Do not over apply aggregate; it is acceptable to have localized wet spots in the aggregate surface after completion of this method. This process requires coordination between all of the members in the work crew. The blower operator, wearing clean spiked shoes, should blow the excess aggregate forward towards the freshly applied and back rolled topcoat. In this method, the coating should not accept additional sand, minimal excess aggregate is on the surface, less aggregate is used and the textured appearance should be fairly uniform.

#### 4B. BROADCAST AND BACKROLL METHOD

Immediately broadcast MasterSeal 941/941 DR or equivalent 16–30 mesh, rounded silica sand into the wet coating and backroll to encapsulate the aggregate. Evenly broadcast aggregate at the rate of 15–25 lbs/100 ft<sup>2</sup> (0.75–1.25 kg/m<sup>2</sup>). Allow to cure overnight.

5. Ensure there is no moisture on the surface of the aggregate/membrane before application of topcoat. Remove all loose aggregate, then apply 20 wet mils using a flat squeegee at 75–80 ft<sup>2</sup>/gal (1.84–1.96 m<sup>2</sup>/L). Immediately backroll to level MasterSeal TC 225.
6. For additional slip resistance, immediately broadcast MasterSeal 941/941 DR or equivalent at a rate of 3–7 lbs/100 ft<sup>2</sup> (0.15–0.25 kg/m<sup>2</sup>) and backroll to encapsulate. **IMPORTANT NOTE:** All coverage rates are approximate and may vary due to the application technique used. Coverage rates are affected by substrate texture, choice and distribution of aggregate, intermediate coat aggregate load and environmental conditions. Application methods and conditions are not

under the control of BASF. Ensure that an adequate amount of aggregate is utilized to achieve desired slip resistance.

#### MOCKUP

Provide mockup of at least 100 ft<sup>2</sup> (9.3 m<sup>2</sup>) to include surface profile, sealant joint, crack, flashing and juncture details and allow for evaluation of slip resistance and appearance of MasterSeal Traffic 1500 system.

1. Install mockup with specified coating types and with other components noted.
2. Locate where directed by architect.
3. Mockup may remain as part of work if acceptable to architect. For recoat applications, see MasterSeal Traffic 1500 technical bulletin #24.

#### CURING TIME

Allow curing time of 72 hours before vehicular use and 48 hours before pedestrian use. Extend the curing time in cool-weather conditions. To reduce the time period in which MasterSeal Traffic 1500 might be vulnerable to inclement weather or to reduce the time between coats, use MasterSeal 914.

#### MAINTENANCE

1. Portions of the membrane that exhibit wear are considered a maintenance item, and are not considered a warrantable item.
2. Surfaces may be cleaned with commercial detergents. BASF recommends that a maintenance agreement be established between the owner and applicator.
3. Periodic inspection and repair of damaged surfaces will greatly prolong the performance and life of the system.
4. Remove all sharp debris such as sand, gravel and metal on a regular basis to avoid damage to the coating.
5. When removing snow, avoid the use of metal blades or buckets that may damage the coating.

#### CLEAN UP

Clean all tools and equipment with MasterSeal 990 or xylene.

#### FOR BEST PERFORMANCE

- MasterSeal NP 100 and MasterSeal NP150 should not be used in conjunction with this urethane deck coating system due to potential for curing issues.
- If vapor drive is present or suspected, please consult with your local BASF representative prior to system application.

- Concrete should have a minimum compressive strength of 3,000 psi (20.7 MPa) and be cured for a minimum of 28 days.
- Do not apply to concrete that is out-gassing
- Be sure to allow for movement in the deck by the proper design and use of expansion and control joints.
- When applying sealants, use backing materials according to industry standards.
- Do not apply when substrate temperatures are over 110 °F (32 °C) or under 40 °F (4 °C).
- When applying MasterSeal 1500 at interior or contained spaces, provide adequate ventilation with a minimum of six air changes per hour.
- When adequate ventilation for use of MasterSeal Traffic 1500 cannot be maintained, consider the use of MasterSeal 2500 Traffic coating system, Form No 1017917.
- Be certain that all aggregate not properly encapsulated is thoroughly removed.
- On steep ramps in excess of 15%, contact your local BASF representative.
- Substrate temperature must be more than 5 degrees above dew point during application and cure.
- MasterSeal TC 225 Tint Base is intended for pedestrian use only and are not suitable for vehicular traffic.
- MasterSeal TC 225 Tint Base should be mixed with 2 BASF MasterSeal 900 color packs per 5 gallons in order to achieve the desired color tint.
- Do not apply MasterSeal Traffic 1500 to concrete slabs on grade, unvented metal pan decks and split slab applications with a membrane between slabs.
- Select the proper amount of aggregate to promote slip resistance.
- The best method to ensure average wet film thickness is the use of a grid system. Divide the surface area to be coated into grids and calculate the square footage of each. For example, one pail of MasterSeal M 200 applied at 55–60 ft<sup>2</sup>/gal should cover approximately 275–300 sq ft or a minimum grid of 16 x 16 ft at 25 wet mils. The wet film thickness can also be verified with a wet film thickness gauge. Verify coverage via site mockup.
- Pre-stripe to level out recessed sealant joints (less than 1" [25 mm]) for optimal aesthetic appearance.
- Avoid application of MasterSeal Traffic 1500 when inclement weather is present or imminent.
- Do not apply MasterSeal Traffic 1500 to damp, wet, or contaminated surfaces.
- MasterSeal Traffic 1500 is not suitable for use where chained or metal-studded tires will be used.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.
- CAD & PDF deck coating details are available for download from our website; BASF Customer Service can direct you to the site.

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**FOR BEST PERFORMANCE: TC 225 TINT BASE ONLY**

- Avoid whipping air into Tint-Base.
- Mix pigment cans thoroughly into Tint-Base.
- Always do a test area to assure acceptable color appearance and slip resistance.
- Do not apply Sonoguard® Tint-Base heavier than the recommended 25 mil (0.6 mm) application.
- Colors exposed to direct sunlight may fade over a period of time. Darker colors potentially fade at an increased rate.
- Apply only to pedestrian traffic areas.
- Aggregate and substrate conditions may affect color and appearance.

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**HEALTH, SAFETY AND ENVIRONMENTAL**

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting [www.master-builders-solutions.basf.com](http://www.master-builders-solutions.basf.com), e-mailing your request to [basfbcsst@basf.com](mailto:basfbcsst@basf.com) or calling 1(800)433-9517. Use only as directed.

**For medical emergencies only,  
call ChemTrec® 1(800) 424-9300.**

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**LIMITED WARRANTY NOTICE**

BASF warrants this product to be free from manufacturing defects and to meet the technical properties on the current Technical Data Guide, if used as directed within shelf life. Satisfactory

results depend not only on quality products but also upon many factors beyond our control. BASF MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is the replacement of product or refund of the purchase price, at the sole option of BASF. Any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. BASF WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

Purchaser must determine the suitability of the products for the intended use and assumes all risks and liabilities in connection therewith. This information and all further technical advice are based on BASF's present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights, nor shall any legal relationship be created by or arise from the provision of such information and advice. BASF reserves the right to make any changes according to technological progress or further developments. The Purchaser of the Product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with a full application of the product(s). Performance of the product described herein should be verified by testing and carried out by qualified experts.

# MasterSeal® CR 195

One-component, aliphatic, non-sag, elastomeric, polyurethane security sealant

FORMERLY SONOLASTIC® ULTRA

## PACKAGING

- 300 ml (10.1 fl oz) cartridges, 30 per carton
- 20 fl oz (590 ml) ProPaks, 20 per carton

## COLOR

Limestone, White and Aluminum Gray

## YIELD

See page 3 for charts

## STORAGE

Store in original, unopened containers away from heat and direct sunlight. Storing at elevated temperatures will reduce shelf life.

## SHELF LIFE

1 year when properly stored

## VOC CONTENT

118 g/L  
less water and exempt solvents

## DESCRIPTION

MasterSeal CR 195 is a one-component, moisture-curing, aliphatic, non-sag, polyurethane sealant for security and institutional uses requiring elasticity, abrasion and puncture resistance, with superior color integrity.

## PRODUCT HIGHLIGHTS

- Aliphatic polyurethane technology with non-staining, non-yellowing, non-chalking characteristics
- Pick-resistant, making it excellent for security applications, schools and other public buildings
- High UV resistance prevents discoloration from sunlight
- Absence of tackiness creates a dirt free, self-cleaning surface
- Medium modulus provides superior puncture and abrasion resistance
- Superior gunability and workability for increased ease in tooling
- Movement capability  $\pm 25\%$  expansion and contraction with joint movement
- Suitable for water immersion with documented performance in wet areas

## APPLICATIONS

- Horizontal and vertical
- Interior and exterior
- Immersed in water
- Store fronts
- Expansion joints
- Curtain walls
- Panel walls
- Precast units
- Aluminum, vinyl, and wood window frames
- Prisons
- Schools
- Stadiums
- Parking decks
- Plazas
- Wastewater treatment plants
- Dams
- Spillways and storm drains
- Wetwells and manholes

## SUBSTRATES

- Concrete, masonry
- Granite, marble
- Brick
- Metals
- Wood

## Technical Data

### Composition

MasterSeal CR 195 is a one-component, moisture-curing aliphatic polyurethane.

### Compliances

- ASTM C 920, Type S, Grade NS, Class 25, Use NT, T, M, A, and I
- Federal Specification TT-S-00230C, Type II, Class A, when primed
- Corps of Engineers CRD-C-541, Type II, Class A
- USDA compliant for use in meat and poultry areas
- Canadian approval for use in areas that handle food, CFI

### Typical Properties

PROPERTY	VALUE
Temperature range, ° F (° C)	-40 to 180 (-40 to 82)
Shrinkage	None

## Test Data

PROPERTY	RESULTS	TEST METHOD
<b>Movement capability, %</b>	±25	ASTM C 719
<b>100 % modulus, psi (MPa)</b>	160 (1.1)	ASTM D 412
<b>Tensile strength, psi (MPa)</b>	600 (4.1)	ASTM D 412
<b>Rheological, (sag in vertical displacement), at 120° F (49° C)</b>	No sag	ASTM C 639
<b>Ultimate elongation at break, %</b>	600	ASTM D 412
<b>Tear strength, pit</b>	100	ASTM D 1004
<b>Extrudability, 3 seconds</b>	Passes	ASTM C 603
<b>Hardness, Shore A, at standard conditions</b>	50 ±5	ASTM C 661
<b>Weight loss, after heat aging, %</b>	9.2	ASTM C 792
<b>Cracking and chalking, after heat aging</b>	None	ASTM C 792
<b>Tack-free time, hrs</b>	< 72	ASTM C 679
<b>Stain and color change</b>	Passes	ASTM C 510
<b>Bond durability, on glass, aluminum, and concrete, ±25% movement</b>	Passes	ASTM C 719
<b>Adhesion in peel*, pli</b>		ASTM C 794
Primed dry		
Glass	37 CF**	
Aluminum	34 CF**	
Concrete	43 CF**	
<b>Water immersion, 122° F (50° C)</b>	Passes 10 weeks with cycling	ASTM C 1247

\* Primed for water immersion dictated by ASTM C 920. Concrete and aluminum primed with P 173.

\*\* Cohesive failure

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

TABLE 1

### Joint Width and Sealant Depth

JOINT WIDTH, IN (MM)	SEALANT DEPTH AT MIDPOINT, IN (MM)
¼–½ (6–13)	¼ (6)
½–¾ (13–19)	¼–⅜ (6–10)
¾–1 (19–25)	⅜–½ (10–13)
1–1½ (25–38)	½ (13)

## Yield

LINEAR FEET PER GALLON\*

JOINT DEPTH, (INCHES)	JOINT WIDTH (INCHES)									
	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/2	2	3
1/4	308	205	154	122	—	—	—	—	—	—
3/8	—	—	—	82	68	58	51	—	—	—
1/2	—	—	—	—	51	44	38	26	19	12

METERS PER LITER

JOINT DEPTH, (MM)	JOINT WIDTH (MM)									
	6	10	13	16	19	22	25	38	50	75
6	24.8	16.5	12.4	9.8	—	—	—	—	—	—
10	—	—	—	6.6	5.5	4.7	4.1	—	—	—
13	—	—	—	—	4.1	3.5	3.0	2.2	1.5	0.7

## HOW TO APPLY

### JOINT PREPARATION

1. The product may be used in sealant joints designed in accordance with SWR Institute's Sealants - The Professional's Guide.
2. In optimum conditions, the depth of the sealant should be 1/2 the width of the joint. The sealant joint depth (measured at the center) should always fall between the maximum depth of 1/2" and the minimum depth of 1/4". Refer to Table 1.
3. In deep joints, the sealant depth must be controlled by closed cell backer rod or soft backer rod. Where the joint depth does not permit the use of backer rod, a bond breaker (polyethylene strip) must be used to prevent three-point bonding.
4. To maintain the recommended sealant depth, install backer rod by compressing and rolling it into the joint channel without stretching it lengthwise. Closed cell backer rod should be about 1/8" (3 mm) larger in diameter than the width of the joint to allow for compression. Soft backer rod should be approximately 25% larger in diameter than the joint width. The sealant does not adhere to it, and no separate bond breaker is required. Do not prime or puncture the backer rod.

### SURFACE PREPARATION

Substrates must be structurally sound, fully cured, dry and clean. Substrates should always be free of the following: dirt, loose particles, oil, grease, asphalt, tar, paint, wax, rust, waterproofing or curing and parting compounds, membrane materials and sealant residue.

#### CONCRETE, STONE, AND OTHER MASONRY

Clean by grinding, sandblasting, or wire brushing to expose a sound surface free of contamination and laitance.

#### WOOD

New and weathered wood must be clean, dry and sound. Scrape away loose paint to bare wood. Any coatings on wood must be tested to verify adhesion of sealant or to determine an appropriate primer.

#### METAL

Remove scale, rust, and loose coatings from metal to expose a bright white surface. Any coatings on metal must be tested to verify adhesion of sealant or to determine an appropriate primer.

### PRIMING

1. MasterSeal CR 195 is considered a non-priming sealant, but special circumstances or substrates may require a primer. It is the user's responsibility to check the adhesion of the cured sealant on typical test joints at the project site before and during application. Refer to product data sheet on MasterSeal P 173 or MasterSeal P 176, and consult Technical Services for additional information.
2. For immersion applications, MasterSeal P 173 must be used.
3. Apply primer full strength with a brush or clean cloth. A light, uniform coating is sufficient for most surfaces. Porous surfaces require more primer; however, do not over-apply.
4. Allow primer to dry before applying MasterSeal CR 195. Depending on temperature and humidity, primer will be tack-free in 15–120 minutes. Priming and sealing must be done on the same day.

### APPLICATION

1. MasterSeal CR 195 comes ready to use. Apply using professional grade caulking gun. Do not open cartridges, ProPaks, or pails until preparatory work has been completed.
2. Fill joints from the deepest point to the surface by holding an appropriately sized nozzle against the back of the joint.
3. Dry tooling is recommended. Proper tooling results in the correct bead shape, neat joints and optimal adhesion.

### CURING TIME

The cure of MasterSeal CR 195 varies with temperature and humidity. The following times assume 75° F (24° C), 50% relative humidity, and a joint ½" width by ¼" depth (13 by 6 mm).

- Skins: overnight or within 24 hours
- Full cure: approximately 1 week
- Immersion service: 21 days

### CLEAN UP

1. Immediately after use, clean equipment with MasterSeal 990 or xylene. Use proper precautions when handling solvents.
2. Remove cured sealant by cutting with a sharp-edged tool.
3. Remove thin films by abrading.

### FOR BEST PERFORMANCE

- Do not allow uncured MasterSeal CR 195 to come into contact with alcohol-based materials or solvents.
- Do not apply polyurethane sealants in the vicinity of uncured silicone sealants or uncured MasterSeal NP 150.
- MasterSeal CR 195 should not come in contact with oil-based caulking, silicone sealants, polysulfides or fillers impregnated with oil, asphalt or tar.
- All horizontal applications require the use of MasterSeal P 173.
- Protect unopened containers from heat and direct sunlight.
- In cool or cold weather, store container at room temperature for at least 24 hours before using.
- When CR 195 is to be used in areas subject to water immersion, cure for 21 days at 70° F (25° C) and 50% relative humidity. Allow longer cure time at lower temperatures and humidity.
- Do not use in swimming pools or other submerged conditions where the sealant will be exposed to strong oxidizers. Avoid submerged conditions where water temperatures will exceed 120° F (50° C).
- Lower temperatures will extend curing times.
- Do not apply over freshly treated wood; treated wood must have weathered for at least 6 months.

- Pursuant to accepted industry standards and practices, using rigid paints and/or coatings over flexible sealants can result in a loss of adhesion of the applied paint and/or coating, due to the potential movement of the sealant. However, should painting and/or coating be desired it is required that the applicator of the paint and/or coating conduct on-site testing to determine compatibility and adhesion.
- Substrates such as copper, stainless and galvanized steel typically require the use of a primer; MasterSeal P 173 or MasterSeal P 176 is acceptable. For Kynar coatings, use MasterSeal P 173 only. An adhesion test is recommended for any other questionable substrate.
- MasterSeal CR 195 can be applied below freezing temperatures only if substrates are completely dry, free of moisture and clean. Contact Technical Service for more information.
- Proper application is the responsibility of the user. Field visits by BASF personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the jobsite.

### HEALTH, SAFETY AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting [www.master-builders-solutions.basf.us](http://www.master-builders-solutions.basf.us), e-mailing your request to [basfbcsst@basf.com](mailto:basfbcsst@basf.com) or calling 1(800)433-9517. Use only as directed.

**For medical emergencies only,  
call ChemTrec® 1(800) 424-9300.**

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