



Holcim Solutions and Products US,
 LLC 12055 Cutten Rd. Houston
 TX, 77066



Warranty: **No.**

5 (FIVE) YEAR COATING LIMITED WARRANTY

Building Name	Building Owner	Contractor Name
Building Name	Building Owner Address	Contractor's Address
Building's Current Use	State	State
Building Address	City	City
Building Address	Zip	Zip Code
State	Building Owner Phone #	Telephone
State	Building Owner e-mail	Contractor's Email
City		
City		
Zip		
Zip		
Project Size SqFt	<u>System Application / Products Used:</u>	1st Base Coat
Date of Completion	Sealant Type (1)	1st Base Coat Application Rate (per gallon)
Expiration	Sealant Type (2)	2nd Base Coat
Substrate	Sealant Type (3)	2nd Base Coat Application Rate (per gallon)
Other substrate	Accessory (1)	1st Broadcast Coat
Recoat	Accessory (2)	1st Broadcast Coat Application Rate (per gallon)
System Applied	Is the system fully-fabric reinforced?	2nd Broadcast Coat
Other system	Primer	2nd Broadcast Coat Application Rate (per gallon)
Choose Traffic Coating Maintenance Manual	Primer Coat Application Rate (per gallon)	1st Finish Coat
		1st Finish Coat Application Rate (per gallon)
		2nd Finish Coat
		2nd Finish Coat Application Rate (per gallon)

Subject to the conditions, exclusions and limitation contained herein and for a period of five (5) years after delivery or installation, whichever occurs first, HOLCIM SOLUTIONS AND PRODUCTS US, LLC, a Tennessee corporation warrants as follows: (1) HOLCIM SOLUTIONS AND PRODUCTS US, LLC coatings will be free from any manufacturing defects at the time of installation. (2) The coating itself will not deteriorate to the point of failure during the warranty period as a result of ordinary exposure to the elements or any manufacturing defect if installed according to HOLCIM SOLUTIONS AND PRODUCTS US, LLC sample design guideline and

maintained according to, but not limited to, the HOLCIM SOLUTIONS AND PRODUCTS US, LLC maintenance procedures provided with this warranty. If upon inspection by HOLCIM SOLUTIONS AND PRODUCTS US, LLC: (1) the coating shows evidence of manufacturing defects at the time of installation, HOLCIM SOLUTIONS AND PRODUCTS US, LLC's sole liability and the Customer's sole remedies are limited to, in HOLCIM SOLUTIONS AND PRODUCTS US, LLC's sole discretion, the repair or replacement of the defective coatings at the F.O.B. point in the original contract of sale; (2) the coating is deteriorated to the point of failure within the warranty period as a result of ordinary exposure to the elements or any manufacturing defect by HOLCIM SOLUTIONS AND PRODUCTS US, LLC, HOLCIM SOLUTIONS AND PRODUCTS US, LLC's sole liability and Customer's sole remedies are limited to, in HOLCIM SOLUTIONS AND PRODUCTS US, LLC's sole discretion, the repair of the coating or credit to be applied towards the purchase of new coatings. Customer's remedies will be prorated and determined solely by HOLCIM SOLUTIONS AND PRODUCTS US, LLC based upon the number of remaining months of the unexpired warranty used. In no event shall HOLCIM SOLUTIONS AND PRODUCTS US, LLC's obligation under this warranty exceed the manufacturer's original coating purchase price prorated by the number of remaining months of the unexpired warranty. CONDITIONS, EXCLUSIONS, LIMITATIONS 1. This warranty covers the coatings only. All HOLCIM SOLUTIONS AND PRODUCTS US, LLC installations shall be made by applicators in the industry approved by HOLCIM SOLUTIONS AND PRODUCTS US, LLC. The applicator shall be an independent contractor and shall under no circumstances be viewed as an employee, agent, or partner of HOLCIM SOLUTIONS AND PRODUCTS US, LLC. HOLCIM SOLUTIONS AND PRODUCTS US, LLC warrants that the coating is within manufacturer specification. The applicator is solely responsible for utilizing the best industry practices as defined by applicable waterproofing industry supported guidelines (NRCA-Roofing, SWR-General Waterproofing). If discovered that "best practice" was not followed, the applicator shall be solely responsible for the repair, both coatings and labor, for the full time as described by this warranty. 2. As a condition to this warranty, within 30 days of the discovery of any defects in or deterioration of the coating, the Customer must notify HOLCIM SOLUTIONS AND PRODUCTS US, LLC in writing by certified mail return receipt requested at HOLCIM SOLUTIONS AND PRODUCTS US, LLC address listed above or any other address of which Customer is notified hereafter. By so notifying HOLCIM SOLUTIONS AND PRODUCTS US, LLC, the Customer authorizes HOLCIM SOLUTIONS AND PRODUCTS US, LLC or its designee to investigate the cause of the defect. If upon investigation, HOLCIM SOLUTIONS AND PRODUCTS US, LLC determines that there is a defect in and/or deterioration to the point of failure of the coating, the Customer's sole and exclusive remedy, and HOLCIM SOLUTIONS AND PRODUCTS US, LLC liability shall be limited as set forth above. Should the investigation reveal that the defect is caused by something other than the aforementioned causes, this warranty shall be null and void. 3. This warranty applies to HOLCIM SOLUTIONS AND PRODUCTS US, LLC manufactured coatings only. 4. HOLCIM SOLUTIONS AND PRODUCTS US, LLC shall have no obligation under this warranty until all financial obligations owed to HOLCIM SOLUTIONS AND PRODUCTS US, LLC, any HOLCIM SOLUTIONS AND PRODUCTS US, LLC agent, distributor, representative and/or the installer/applicator have been met. 5. This warranty does not extend to costs associated with the removal of any obstructions from the affected area that would hinder or impede repair of the HOLCIM SOLUTIONS AND PRODUCTS US, LLC, including without limitation, system or lift equipment necessary to gain access to the HOLCIM SOLUTIONS AND PRODUCTS US, LLC system. Any such costs shall be the Customer's sole responsibility. 6. HOLCIM SOLUTIONS AND PRODUCTS US, LLC shall have no obligation and this warranty shall become null and void if any defect or deterioration of the coating is caused by any of the following: (A) Natural disasters or unusual natural phenomena including but not limited to lightning, gales, hail, hurricanes, tornadoes, earthquakes, acts of God, negligent accidents, misuse, fire, vandalism, wars, civil disobedience; defects in the underlying material of structure; moisture condensation; engineering or structural flaws in building design; usage or spillage of material or substance not compatible with HOLCIM SOLUTIONS AND PRODUCTS US, LLC coatings; installation or construction of any machinery ducts vents or openings on the system; and/or holes, punctures, and lacerations due to shipping, installation, or usage.

Subject to the conditions, exclusions and limitation contained herein and for a period of five (5) years after delivery or installation, whichever occurs first, HOLCIM SOLUTIONS AND PRODUCTS US, LLC ("HOLCIM SOLUTIONS AND PRODUCTS US, LLC"), a Tennessee corporation warrants as follows:

- (1) HOLCIM SOLUTIONS AND PRODUCTS US, LLC coatings will be free from any manufacturing defects at the time of installation.
- (2) The coating itself will not deteriorate to the point of failure during the warranty period as a result of ordinary exposure to the elements or any manufacturing defect if installed according to HOLCIM SOLUTIONS AND PRODUCTS US, LLC sample design guideline and maintained according to, but not limited to, the HOLCIM SOLUTIONS AND PRODUCTS US, LLC maintenance procedures provided with this warranty.

If upon inspection by HOLCIM SOLUTIONS AND PRODUCTS US, LLC : (1) the coating shows evidence of manufacturing defects at the time of installation, HOLCIM SOLUTIONS AND PRODUCTS US, LLC 's sole liability and the Customer's sole remedies are limited to, in HOLCIM SOLUTIONS AND PRODUCTS US, LLC 's sole discretion, the repair or replacement of the defective coatings at the F.O.B. point in the original contract of sale; (2) the coating is deteriorated to the point of failure within the warranty period as a result of ordinary exposure to the elements or any manufacturing defect by HOLCIM SOLUTIONS AND PRODUCTS US, LLC , HOLCIM SOLUTIONS AND PRODUCTS US, LLC 's sole liability and Customer's sole remedies are limited to, in HOLCIM SOLUTIONS AND PRODUCTS US, LLC 's sole discretion, the repair of the coating or credit to be applied towards the purchase of new coatings. Customer's remedies will be prorated and determined solely by HOLCIM SOLUTIONS AND PRODUCTS US, LLC based upon the number of remaining months of the unexpired warranty used. In no event shall HOLCIM SOLUTIONS AND PRODUCTS US, LLC 's obligation under this warranty exceed the manufacturer's original coating purchase price prorated by the number of remaining months of the unexpired warranty.

Subject to the conditions, exclusions and limitation contained herein and for a period of ten (10) years after delivery or installation, whichever occurs first, HOLCIM SOLUTIONS AND PRODUCTS US, LLC ("HOLCIM SOLUTIONS AND PRODUCTS US, LLC"), a Tennessee corporation warrants as follows:

- (1) HOLCIM SOLUTIONS AND PRODUCTS US, LLC coatings will be free from any manufacturing defects at the time of installation.
- (2) The coating itself will not deteriorate to the point of failure during the warranty period as a result of ordinary exposure to the elements or any manufacturing defect if installed according to HOLCIM SOLUTIONS AND PRODUCTS US, LLC sample

design guideline and maintained according to, but not limited to, the HOLLIM SOLUTIONS AND PRODUCTS US, LLC maintenance procedures provided with this warranty.

If upon inspection by HOLLIM SOLUTIONS AND PRODUCTS US, LLC : (1) the coating shows evidence of manufacturing defects at the time of installation, HOLLIM SOLUTIONS AND PRODUCTS US, LLC 's sole liability and the Customer's sole remedies are limited to, in HOLLIM SOLUTIONS AND PRODUCTS US, LLC 's sole discretion, the repair or replacement the defective coatings at the F.O.B. point in the original contract of sale; (2) the coating is deteriorated to the point of failure within the warranty period as a result of ordinary exposure to the elements or any manufacturing defect by HOLLIM SOLUTIONS AND PRODUCTS US, LLC , HOLLIM SOLUTIONS AND PRODUCTS US, LLC 's sole liability and Customer's sole remedies are limited to, in HOLLIM SOLUTIONS AND PRODUCTS US, LLC 's sole discretion, the repair of the coating or credit to be applied towards the purchase of new coatings. Customer's remedies will be prorated and determined solely by HOLLIM SOLUTIONS AND PRODUCTS US, LLC based upon the number of remaining months of the unexpired warranty used. In no event shall HOLLIM SOLUTIONS AND PRODUCTS US, LLC 's obligation under this warranty exceed the manufacturer's original coating purchase price prorated by the number of remaining months of the unexpired warranty.

Warranty.

HOLLIM SOLUTIONS AND PRODUCTS US, LLC warrants, subject to the conditions included in this Warranty, to the Owner that the sealants and/or coatings described above (the "Products") (i) are free from any manufacturing defect at the time of installation (so long as installation is completed prior to the Product's stated shelf life) and (ii) the Products will not deteriorate to the point of failure prior to the Expiration Date listed above as a result of ordinary exposure to the elements or any manufacturing defect. If HOLLIM SOLUTIONS AND PRODUCTS US, LLC breaches this Warranty, HOLLIM SOLUTIONS AND PRODUCTS US, LLC will, as HOLLIM SOLUTIONS AND PRODUCTS US, LLC's sole liability and Owner's exclusive remedy, at HOLLIM SOLUTIONS AND PRODUCTS US, LLC's option, provide replacement products (of equal or greater value) for any nonconforming Product to any location within the U.S. (shipping prepaid by HOLLIM SOLUTIONS AND PRODUCTS US, LLC), or credit Owner's account for the value of any nonconforming Product. Such remedy is limited to the portion of the Product that is defective or that deteriorated in breach of this Warranty. HOLLIM SOLUTIONS AND PRODUCTS, US, LLC will not provide any materials or any product credit until HOLLIM SOLUTIONS AND PRODUCTS, US, LLC has completed its inspection and approved any claim. Additionally, HOLLIM SOLUTIONS AND PRODUCTS US, LLC will not provide or reimburse Owner or any other party for any labor expenses or other costs not expressly listed above in any event. Except as set forth above, HOLLIM SOLUTIONS AND PRODUCTS US, LLC makes no warranty or representation of any kind, express or implied (including no warranty of merchantability or fitness for any particular purpose).

Maintenance.

The Owner must have and follow a documented maintenance program for the roofing system to which the Products were applied (the "System"). The minimum requirements of such maintenance program are listed on Annex I (Owner Maintenance Requirements). If the Owner does not have a satisfactory maintenance program, or if the Owner does not have contemporaneous documentary evidence that such program was followed, then this Warranty is automatically voided. Any repairs, modifications, or additions to the System after the original installation of the Products without prior written approval by HOLLIM SOLUTIONS AND PRODUCTS US, LLC will void this Warranty.

Limitations.

The following exclusions and limitations apply: (a) the Building cannot have high internal humidity or be used as freezer buildings for cold storage; (b) this Warranty only applies to use of HOLLIM SOLUTIONS AND PRODUCTS US, LLC products on institutional, commercial, industrial, and high-rise/multi-family residential buildings and is voided if the use of the Building substantially changes after the date of installation; (c) repair or replacement of any deck system, substrate, or other system components used in conjunction with the HOLLIM SOLUTIONS AND PRODUCTS US, LLC materials is not included in HOLLIM SOLUTIONS AND PRODUCTS US, LLC's remedy obligations; (d) this Warranty is not valid unless and until (i) HOLLIM SOLUTIONS AND PRODUCTS US, LLC, the Applicator, and product distributor(s) have been paid in full for all materials, supplies, services, warranty costs and other costs which are included in, or incidental to, the Products, and (ii) HOLLIM SOLUTIONS AND PRODUCTS US, LLC has issued a signed copy of this Warranty; (e) HOLLIM SOLUTIONS AND PRODUCTS US, LLC and its agents shall have the right, but not the obligation, to inspect the System or any other areas it deems necessary on a periodic basis and shall notify the Owner of the existence of any conditions which threaten the integrity of the HOLLIM SOLUTIONS AND PRODUCTS US, LLC materials or waterproofing system, and upon such notification, Owner shall, at its own cost, immediately repair or correct such conditions – Owner's failure to make such repairs or corrections, and/or permit such inspections, shall void this warranty; (f) this Warranty does not extend to costs associated with the removal of any

obstructions from the affected area that would hinder or impede repair of the System, or lift equipment necessary to gain access to the System – any such costs shall be the Owner’s sole responsibility; (g) this Warranty does not cover (i) ponding, (ii) deterioration of the System or Products caused by or related to ponding, or (iii) leaks, defects or deterioration caused by or related to ponding, in each case caused by or related to condensation or evaporation issues; (h) this Warranty does not cover damage to the Products resulting from causes beyond normal wear and tear, including, but not limited to, natural disasters, hail damage, floods, hurricanes, lightning, tornadoes, fire, earthquakes, and/or excessive snow or ice movement; (i) this Warranty does not cover damage to the Products due to excessive movement of the Building’s foundation, gutters, damaging traffic of any nature on the substrate, improper installation of the System or failure of any non-HOLCIM SOLUTIONS AND PRODUCTS US, LLC products including, but not limited to, nailers, infiltration or condensation of moisture through the walls, building structure, or surrounding materials or chemical attack on the membrane, including, but not limited to, exposure to grease or oil; (j) this Warranty does not cover appearance due to surface profile, texture, cleanliness or discoloration of the Products caused by environmental conditions, normal weathering or atmospheric conditions; (k) this Warranty is voided if there are or becomes (I) any defects in design, construction, preparation or any other aspect of the substrate, (II) a lack of positive drainage, (III) any ponding water, or (IV) improper installation of the deck and/or accessories in the substrate system, including but not limited to vents, drains, curb units, or other system components, or (V) any other latent defects on the System or surrounding area; (l) this Warranty does not cover any deficiencies, defects, deterioration or leaks that were caused by accident, misuse, neglect, or unauthorized alteration or repair; and (m) this Warranty covers the Products only. No representative of HOLCIM SOLUTIONS AND PRODUCTS US, LLC, employee or agent of HOLCIM SOLUTIONS AND PRODUCTS US, LLC, or any other person, has any authority to assume for HOLCIM SOLUTIONS AND PRODUCTS US, LLC any additional or other liability or responsibility for HOLCIM SOLUTIONS AND PRODUCTS US, LLC unless approved in writing by HOLCIM SOLUTIONS AND PRODUCTS US, LLC’s VP/GM.

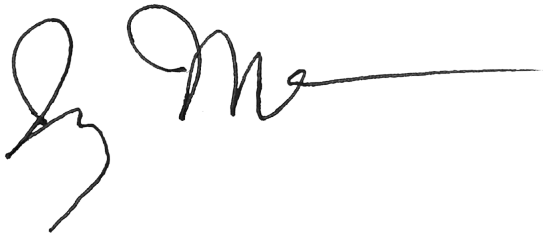
Miscellaneous.

In no event shall HOLCIM SOLUTIONS AND PRODUCTS US, LLC be liable for any indirect, consequential, exemplary, special, punitive or incidental damages, or damages for lost goodwill, profits, savings or revenues arising in relation to this Warranty, the System, the Products and/or any HOLCIM SOLUTIONS AND PRODUCTS US, LLC products or services. This Warranty is to be construed and interpreted in accordance with the laws of the state in which the Building is located, excepting its conflict of laws provisions and the UN CISG. The parties hereby submit to the jurisdiction of the state and federal courts in the state in which the Building is located. If any provision of this Warranty is deemed unenforceable, the remaining provisions of this Warranty will not be affected, and each provision will remain enforceable to the maximum extent permissible. This Warranty constitutes the entire agreement between HOLCIM SOLUTIONS AND PRODUCTS US, LLC, Applicator and Owner relating to its subject matter and supersedes all prior agreements, representations and understandings regarding such subject matter. This Warranty may only be amended in writing by all parties. This Warranty is confidential and all parties agree not to disclose it to any 3rd party. This Warranty is non-transferrable and runs solely in favor of the Owner. Owner may not assign this Warranty or otherwise transfer its rights without prior written consent of HOLCIM SOLUTIONS AND PRODUCTS US, LLC. Payment by Applicator (including payments made by Applicator on Owner’s behalf), and/or payment by Owner, for the Product constitutes Applicator’s and Owner’s acceptance and agreement to all terms and conditions contained herein. The party that pays HOLCIM SOLUTIONS AND PRODUCTS US, LLC, by making such payment, (a) represents and warrants that it has the proper capacity, right, power and authority to bind both the Applicator and Owner to the terms and conditions contained herein and (b) indemnifies HOLCIM SOLUTIONS AND PRODUCTS US, LLC for all damages, losses and claims arising from such payor’s insufficient capacity, right, power and/or authority.

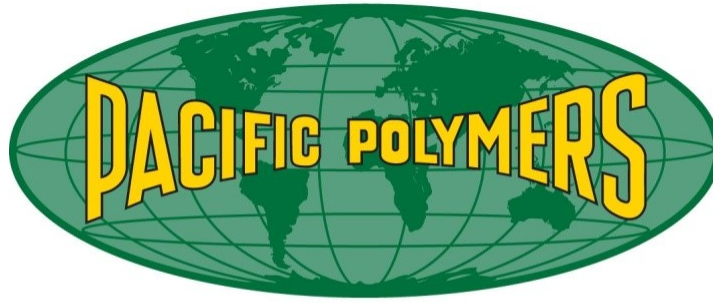
(B) Failure by the Customer or any other user of the system to use reasonable care in maintaining the system. Said maintenance shall include, without limitation, compliance with HOLCIM SOLUTIONS AND PRODUCTS US,LLC's maintenance procedures as provided with this warranty. (C) Failure by the installer or applicator to install the waterproofing system according to HOLCIM SOLUTIONS AND PRODUCTS US, LLC sample design guidelines for installation.(D) Failure of the Customer to comply with every condition, exclusion or limitation herein.7. During the warranty period HOLCIM SOLUTIONS AND PRODUCTS US, LLC, its agents and/or employees shall have free access to the system during regular business hours.8. The failure of HOLCIM SOLUTIONS AND PRODUCTS US, LLC at any time to enforce any of the terms herein shall not constitute a waiver of its right to enforce any of the terms at any later time.9. HOLCIM SOLUTIONS AND PRODUCTS US, LLC has no responsibility for any matter related to the design, engineering or condition of the building Customer's existing system, system deck or the compatibility or adaptability of HOLCIM SOLUTIONS AND PRODUCTS US, LLC coatings with the Customer's system deck.10. If the HOLCIM SOLUTIONS AND PRODUCTS US, LLC coating or system is not installed according to HOLCIM SOLUTIONS AND PRODUCTS US, LLC sample design guidelines, HOLCIM SOLUTIONS AND PRODUCTS US, LLC's obligations under this warranty shall be nullified.11. In no event shall HOLCIM SOLUTIONS AND PRODUCTS US, LLC's duties and obligations under this warranty exceed or extend beyond the specified warranty period contained herein.12. In no event does HOLCIM SOLUTIONS AND PRODUCTS US, LLC warrant or guarantee any system or coating under ponding water. HOLCIM SOLUTIONS AND PRODUCTS US, LLC does not warrant products incorporated or utilized in this installation which are not supplied by HOLCIM SOLUTIONS AND PRODUCTS US, LLC

HOLCIM SOLUTIONS AND PRODUCTS US,LLC. HOLCIM SOLUTIONS AND PRODUCTS US, LLC specifically disclaims liability, under any theory or law, arising out of the installation or performance of, or damages sustained by or caused by, products not supplied by HOLCIM SOLUTIONS AND PRODUCTS US, LLC. This limited warranty supersedes and is in lieu of all other warranties whether written or orally expressed or implied. This limited warranty shall be the Customers sole and exclusive remedy against HOLCIM SOLUTIONS AND PRODUCTS US, LLC and HOLCIM SOLUTIONS AND PRODUCTS US, LLC shall not be liable for any damages, including but not limited to, incidental, consequential, special or other damages, including but not limited to, loss of profits or damage to the building or its contents or the system deck. This limited warranty cannot be amended, altered or modified in any way except in writing, signed by the president of HOLCIM SOLUTIONS AND PRODUCTS US, LLC or a person to whom authority has been delegated in writing. No HOLCIM SOLUTIONS AND PRODUCTS US, LLC agent, distributor, or representative, nor any installer/applicator has authority to bind HOLCIM SOLUTIONS AND PRODUCTS US, LLC with any representation or warranty whether oral or written.

HOLCIM SOLUTIONS AND PRODUCTS US, LLC
DIVISION CONTROLLER

A handwritten signature in black ink, appearing to be 'J. M.', with a long horizontal line extending to the right.

SAMPLE



Pacific Polymers

SCHEDULE "A"

MAINTENANCE MANUAL
(PACIFIC POLYMERS®-ELASTO-DECK 5000-SERIES)

Holcim Solutions and Products LLC

12271 Monarch Street
Garden Grove, CA 92841
Tel: 714.898.0025 Fax: 714.898.5687
www.pacpoly.com

RECOMMENDED MAINTENANCE PROCEDURES FOR
Pacific Polymer® DECK COATINGS

1. GENERAL

A. Maintenance of the Pacific Polymer® Deck Coating Systems must be performed at regular intervals to assure that the coating system will continue to provide service for which it was intended.

B. Maintenance procedures should include:

- a. Periodic physical inspections
- b. Cleaning
- c. Snow removal and ice control (where applicable)
- d. Repairs to structure
- e. Repairs to coating system
- f. Periodic replacement of Topcoat

2. INSPECTIONS

A. The deck coating system is subject to extreme abrasive conditions as well as to physical damage from general use and damage resulting from structural problems. Periodic inspections will provide a basis for the proper maintenance work to assure a long life expectancy of the coating system.

B. Monthly-make a physical inspection to determine if there are any areas of excessive wear or physical damage to the coating.

C. Semi-Annually-make a thorough physical inspection. Such inspections should include, but are not limited to:

- a. Inspect the sealant in the joints for proper adhesion. Also determine if there is any cohesive failure or physical damage to

the sealant.

- b. Where possible, inspect the underside of the joints for evidence of leaks.
- c. Inspect the areas where beams are resting on columns for evidence of stress cracking or excessive movement.
- d. Where possible, inspect the entire structure from the underside of the deck for cracks, which show evidence of a difference in the plane of the materials on each side of the crack.
- e. Inspect drains or scuppers to ensure there is nothing clogging or blocking them, to avoid ponding water on the deck.
- f. Inspect areas in juncture of horizontal deck and vertical sections (i.e.: parapet walls, planter walls, building walls, curbs, etc.) to determine if there has been excessive movement at this point which may have caused the coating to crack.
- g. Inspect coating at the base of parking bumpers (in the case of parking deck coating systems) to determine if there has been any damage to coating as a result of movement of the bumper.
- h. Inspect coating surface to determine if there are any substantial structural cracks in the substrate, which have caused the coating to crack.
- i. Inspect areas which are subject to high abrasion and wear, such as;

- (1) Vehicular Traffic Decks: turn radius, entrance and exit ramps and other start/stop areas for excessive wear or loss of aggregate in the coating.
- (2) Pedestrian Decks: Top of stair landings, stair treads, doorways, narrow walk through areas, etc.
- (3) Other Decks; Inspect entire surface for high wear areas.

3. CLEANING

A. The use and location of the deck will cause the cleaning frequency to vary. Our recommendation for cleaning is as follows:

- a. Weekly - Sweep or rinse deck to remove loose debris and dirt.
- b. Monthly - Thoroughly clean the deck to remove dirt, debris, oil or grease drippings, black tire marks, etc. Cleaning may be by:

(1) Scrubbing with a mild cleaner, such as Simple Green, or any other low suds, biodegradable detergent.

Requires thorough rinsing to avoid being slippery when wet or stains from sun affecting detergent residue.

(2) High pressure water blast. (not greater than 1,000 psi at nozzle)

c. Avoid the use of strong solvents, especially hydrocarbon type solvents.

4. SNOW REMOVAL AND ICE CONTROL

A. It should be recognized that piled snow can significantly load the deck surface beyond its design load capacity resulting in significant structural cracks and/or more serious structural damage. Therefore, immediate removal of piled snow is recommended.

B. The use of metal blades should be avoided at all times to prevent physical damage to the coating system.

C. Snow Blowers (with rubber blades) and Snow Brooms are recommended, as opposed to heavy snow removal equipment.

D. Ice should be removed with chemical deicing materials.

5. REPAIR TO STRUCTURE

A. All structural repairs should be at the direction of a Structural Engineer.

6. REPAIRS TO DECK COATING MATERIALS

A. Minor repairs may be made by owner's maintenance people, however, it is suggested that to protect the manufacturer's warranty, major repairs should be accomplished by the original, preferred applicator.

B. Physical damage to the coating system:

- a. Remove damaged coating materials back to well adhered material.
 - b. Thoroughly clean the exposed substrate and existing coating surrounding the area with a clean cloth that has been wet with solvent (Acetone).
 - c. Allow solvent to evaporate (1 hour at 75F, 50% R.H.).
 - d. Apply Elasto-Deck 5001NG, base membrane, over exposed plywood substrate, in a thin film thickness of 10 mils, up to the fully adhered coating. Allow base coat to cure over-night. When coating over concrete a primer must be used. (Elasto-Poxy Primer VOC, Elasto-Poxy Primer W.B. or
 - e. Deck-Thane Primer) Install the Elasto-Deck 5001NG base membrane, over concrete primer after 2 hours not to exceed 8 hours. Allow base coat to cure overnight.
 - f. Install the coating system to the original film thickness, extending each coat onto the existing coating, feather-edging the terminating edge of the coating. If multiple coats are required (i.e.: coating removed to the original substrate), allow for an overnight cure (16-24 hours) between coats.
 - g. Allow the repaired area to cure for 24-48 hours (minimum), before exposure to foot traffic.
- It is recommended that after repairs are made, that a new Topcoat of the Elasto-Glaze 6001AL-HT be applied using Elasto-Poxy Primer VOC. The new Topcoat will cover repaired areas and renew the life of the existing coating system.

C. Excessive Wear Areas.

- a. Thoroughly clean entire area with steam cleaner, power scrubber or high pressure water blast.
 - b. Allow area to become completely dry (minimum 24 hours).
 - c. Apply Elasto-Poxy Primer VOC at a rate of approximately 250-300 sq.ft. per gallon in a thin, even film thickness. Avoid puddles or ponding of primer. Allow primer to cure for 2 hours minimum. (Not to exceed 8 hours)
 - d. For Vehicular Decks:
 1. In the event of extreme abusive wear exposing the Elasto-Deck 5001NG, Base Coat membrane, apply a new coat of the Elasto-Deck 5001NG Base Coat membrane at a rate of 45 sq.ft. per gallon. Feather-edge terminating edges.
 2. Allow the Elasto-Deck 5001NG Base Coat membrane to cure overnight at temperature above 77F. Lower temperatures will extend the cure time. All open or unused material must be used within 2 to 3 days. This product is moisture reactive.
 - e. Open the pail of the Elasto-Glaze 6001AL-HT Top Coat, and stir contents to ensure of no settlement on the bottom of the pail and that all of the pigment is disbursed into the liquid.
NOTE: To ensure color conformity, all containers should have the same lot/batch number.
 - f. Apply Elasto-Glaze 6001AL-HT at a rate of 115 sq.ft. per gallon. While material is in the fluid condition, broadcast aggregate into the wet coating and back roll with a wet roller to evenly distribute the aggregate.
Vehicular decks require two (2) coats in high wear areas. Allow for an overnight cure between coats.
 - g. Allow Elasto-Glaze 6001AL-HT Topcoat to cure for 48 hours before exposure to vehicular traffic.
- #### 7. REPLACE TOP COAT

A. To maintain the aesthetics and wearing properties of the Pacific Polymer® Deck Coating System, it is recommended that the Topcoat (Elasto-Glaze 6001AL-HT) be replaced as necessary.

B. If not previously re-coated, inspect in five years after initial installation and once a year till a re-coat is required.
Contact: Holcim Solutions and Products LLC for assistance.

C. Replace Top Coat per the following procedure:

- a. Thoroughly clean entire area with steam cleaner, power scrubber, or high-pressure water blast.
- b. Allow area to become completely dry (minimum 24 hours).
- c. Apply Elasto-Poxy Primer VOC at a rate of approximately 250-300 sq.ft. per gallon, avoid puddles or ponding. Allow primer to cure for a minimum of 2 hours. (Not to exceed 8 hours)
- d. Open the Elasto-Glaze 6001AL-HT and stir contents to ensure no settlement on the bottom of the pail and that all of the pigments are disbursed into the liquid.
Note: To ensure color conformity, all containers should have the same lot/batch number.
- e. Apply the Elasto-Glaze 6001AL-HT Topcoat at a rate of 115 sq.ft. per gallon. While material is in the fluid condition, broadcast aggregate into the wet coating and back roll with a wet roller to evenly distribute the aggregate.
Vehicular decks require two (2) coats in high wear areas. Allow for an overnight cure (16-24 hours) between coats.
- f. Allow Elasto-Glaze 6001AL-HT Topcoat to cure for a minimum of 48 hours for pedestrian traffic and 72 hours for vehicular.

Note: All cure times are based upon standard conditions of 75F, 50% R.H. Lower temperatures will significantly increase the

cure time.

Higher temperatures will slightly decrease the cure time.

INDIVIDUAL TECHNICAL DATA SHEETS ARE AVAILABLE FOR ALL Pacific Polymer® Brand COMPONENTS REFERRED TO HEREIN @ (www.pacpoly.com)

SCHEDULE "A"

MAINTENANCE MANUAL (PACIFIC POLYMERS®-ELASTO-DECK 6500-SERIES)

Holcim Solutions and Products LLC
12271 Monarch Street
Garden Grove, CA 92841
Tel: 714.898.0025 Fax: 714.898.5687
www.pacpoly.com

RECOMMENDED MAINTENANCE PROCEDURES FOR Pacific Polymer® DECK COATINGS

1. GENERAL

A. Maintenance of the Pacific Polymer ® Coating Systems must be performed at regular intervals to assure that the coating system will continue to provide service for which it was intended.

B. Maintenance procedures should include:

- a. Periodic physical inspections
- b. Cleaning
- c. Snow removal and ice control (where applicable)
- d. Repairs to structure
- e. Repairs to coating system
- f. Periodic replacement of Topcoat

2. INSPECTIONS

A. The deck coating system is subject to extreme abrasive conditions as well as to physical damage from general use and damage resulting from structural problems. Periodic inspections will provide a basis for the proper maintenance work to assure a long life expectancy of the coating system.

B. Monthly-make a physical inspection to determine if there are any areas of excessive wear or physical damage to the coating.

C. Semi-Annually-make a thorough physical inspection. Such inspections should include, but are not limited to:

- a. Inspect the sealant in the joints for proper adhesion. Also determine if there is any cohesive failure or physical damage to the sealant.
- b. Where possible, inspect the underside of the joints for evidence of leaks.
- c. Inspect the areas where beams are resting on columns for evidence of stress cracking or excessive movement.
- d. Where possible, inspect the entire structure from the underside of the deck for cracks, which show evidence of a difference

in the plane of the materials on each side of the crack.

e. Inspect drains or scuppers to ensure there is nothing clogging or blocking them, to avoid ponding water on the deck.

f. Inspect areas in juncture of horizontal deck and vertical sections (i.e.: parapet walls, planter walls, building walls, curbs, etc.) to determine if there has been excessive movement at this point which may have caused the coating to crack.

g. Inspect coating at the base of parking bumpers (in the case of parking deck coating systems) to determine if there has been any damage to coating as a result of movement of the bumper.

h. Inspect coating surface to determine if there are any substantial structural cracks in the substrate, which have caused the coating to crack.

i. Inspect areas which are subject to high abrasion and wear, such as;

(1) Vehicular Traffic Decks: turn radius, entrance and exit ramps and other start/stop areas for excessive wear or loss of aggregate in the coating.

(2) Pedestrian Decks: Top of stair landings, stair treads, doorways, narrow walk through areas, etc.

(3) Other Decks; Inspect entire surface for high wear areas.

3. CLEANING

A. The use and location of the deck will cause the cleaning frequency to vary. Our recommendation for cleaning is as follows:

a. Weekly - Sweep or rinse deck to remove loose debris and dirt.

b. Monthly - Thoroughly clean the deck to remove dirt, debris, oil or grease drippings, black tire marks, etc. Cleaning may be by:

(1) Scrubbing with a mild cleaner, such as Simple Green, or any other low suds, biodegradable detergent.

Requires thorough rinsing to avoid being slippery when wet or stains from sun affecting detergent residue.

(2) High pressure water blast. (not greater than 1,000 psi at nozzle)

c. Avoid the use of strong solvents, especially hydrocarbon type solvents.

4. SNOW REMOVAL AND ICE CONTROL

A. It should be recognized that piled snow can significantly load the deck surface beyond its design load capacity resulting in significant structural cracks and/or more serious structural damage. Therefore, immediate removal of piled snow is recommended.

B. The use of metal blades should be avoided at all times to prevent physical damage to the coating system.

C. Snow Blowers (with rubber blades) and Snow Brooms are recommended, as opposed to heavy snow removal equipment.

D. Ice should be removed with chemical deicing materials.

5. REPAIR TO STRUCTURE

A. All structural repairs should be at the direction of a Structural Engineer.

6. REPAIRS TO DECK COATING MATERIALS

A. Minor repairs may be made by owner's maintenance people, however, it is suggested that to protect the manufacturer's warranty, major repairs should be accomplished by the original, preferred applicator.

B. Physical damage to the coating system:

a. Remove damaged coating materials back to well adhered material.

b. Thoroughly clean the exposed substrate and existing coating surrounding the area with a clean cloth that has been wet with an exempt solvent.(Acetone as an example)

- c. Allow solvent to evaporate (1 hour at 75F, 50% R.H.).
- d. Apply Elasto-Poxy Primer VOC at a rate of 250 sq. ft. per gallon and allow for a 2-3 hour cure of primer before coating. (Not to exceed 8 hours)
- e. Apply Elasto-Deck 6500, base membrane, over exposed substrate, in a thin film thickness to match up to the fully adhered coating. Allow base coat to cure over-night. Install the coating system to the original film thickness, extending each coat onto the existing coating, feather-edging the terminating edge of the coating. If multiple coats are required (i.e.: coating removed to the original substrate), allow for an overnight cure (12-16 hours) between coats.
- f. Allow the repaired area to cure for 24 -48hours (minimum), before exposure to foot traffic.

It is recommended that after repairs are made, that a new Topcoat of the Elasto-Deck 6500 be applied using Elasto-Poxy Primer VOC. The new Topcoat will cover repaired areas and renew the life of the existing coating system.

C. Excessive Wear Areas.

- a. Thoroughly clean entire area with steam cleaner, power scrubber or high pressure water blast.
- b. Allow area to become completely dry (minimum 24 hours).
- c. Apply Elasto-Poxy Primer VOC at a rate of approximately 250-300 sq.ft. per gallon in a thin, even film thickness. Avoid puddles or ponding of primer. Allow primer to cure for 2 hours minimum. (Not to exceed 8 hours)
- d. For Vehicular Decks:

1. In the event of extreme abusive wear exposing the Elasto-Deck 6500, Base Coat membrane, apply a new coat of the Elasto-Deck 6500 Base Coat membrane at a rate of 80 sq.ft. per gallon. Feather-edge terminating edges.
2. Allow the Elasto-Deck 6500 Base Coat membrane to cure overnight at temperature above 77F. Lower temperatures will extend the cure time.

- e. Open the pail of the Elasto-Deck 6500, and stir contents of A and B to ensure proper mixing of material.

NOTE: To ensure color conformity, all containers should have

The same lot/batch number.

- f. Apply Elasto-Deck 6500 at a rate of 80 sq.ft. per gallon. While material is in the fluid condition, broadcast aggregate into the wet coating and back roll with a wet roller to evenly distribute the aggregate.

Vehicular decks require two (2) coats in high wear areas. Allow for an overnight cure between coats.

- g. Allow Elasto-Deck 6500 Topcoat to cure for 48-72 hours before exposure to vehicular traffic.

7. REPLACE TOP COAT

A. To maintain the aesthetics and wearing properties of the Pacific Polymer ® Deck Coating System, it is recommended that the Topcoat (Elasto-Deck 6500) be replaced as necessary.

B. If not previously re-coated, inspect in five years after initial installation and once a year till a re-coat is required.

Contact: Holcim Solutions and Products LLC for assistance.

C. Replace Top Coat per the following procedure:

- a. Thoroughly clean entire area with steam cleaner, power scrubber, or high-pressure water blast.
- b. Allow area to become completely dry (minimum 24 hours).
- c. Apply Elasto-Poxy Primer VOC at a rate of approximately 250-300 sq.ft. per gallon, avoid puddles or ponding. Allow primer to cure for 2 hours minimum. (Not to exceed 8 hours)
- d. Open the Elasto-Deck 6500 and stir contents to ensure no settlement on the bottom of the pail and that all of the pigments are disbursed into the liquid.

Note: To ensure color conformity, all containers should have the same lot/batch number.

- e. Apply the Elasto-Deck 6500 at a rate of 80 sq.ft. per gallon. While material is in the fluid condition, broadcast aggregate into the wet coating and back roll with a wet roller to evenly distribute the aggregate.

Vehicular decks require two (2) coats in high wear areas. Allow for an overnight cure between coats.

- f. Allow Elasto-Deck 6500 to cure for 48 hours prior to exposure to foot traffic and a minimum of 72 hours for vehicular traffic.

Note: All cure times are based upon standard conditions of 75F, 50% R.H. Lower temperatures will significantly increase the cure time.

Higher temperatures will slightly decrease the cure time.

INDIVIDUAL TECHNICAL DATA SHEETS ARE AVAILABLE FOR ALL Pacific Polymer Brand COMPONENTS REFERRED TO HEREIN.
(www.pacpoly.com)

Photo Log

Photo Log

SAMPLE