

WEBAC 6500 *universal* POLYUREA

Cartridge System & in Pails

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POLYUREA REPAIR SYSTEM



FLEXIBLE JOINT REPAIR SYSTEM AND SPRAYCOAT

RANGE OF APPLICATION USES

- ✓ To fill cracks, damaged control joints, or new construction joints on horizontal concrete
- ✓ Designed specifically for industrial floor applications which receive heavy vehicle traffic, such as fork lifts or steel wheeled carts
- ✓ Highly flexible, allowing small slab movement, yet strong enough to protect the vertical edges of concrete from spalling under extreme loading
- ✓ Interior and Exterior . Only slight discoloration in UV exposure

ADVANTAGES

- ✓ 100% Solids, Meets VOC Regulations
- ✓ Remains Flexible, Even in Cold Temperatures
- ✓ Return Project to Service in 60 Minutes
- ✓ Cures From -200F to 1300F
- ✓ Highly Moisture Insensitive
- ✓ Odorless, No Toxic Vapors
- ✓ Resistant to Petrochemicals

TYPICAL APPLICATION ENVIRONMENTS

- | | |
|-----------------------------------|-----------------------------------|
| ✓ Industrial Facilities | ✓ Airports |
| ✓ Warehouse Floors | ✓ Water and Waste Water Treatment |
| ✓ Manufacturing Facilities | ✓ Cold Storage Facilities |
| ✓ Pulp and Paper Mills | ✓ Food Processing Facilities |
| ✓ Bottling and Canning Facilities | ✓ Freezers |

BONUS APPLICATION FEATURE: SPRAYABLE FAST CURE SPECIALTY COATING

- ✓ Low cost spray attachment works with regular pneumatic gun
- ✓ Small spray jobs possible without tens of thousands of dollars worth in equipment
- ✓ Extreme wear resistance and chemical resistance

TYPE OF MATERIAL

WEBAC 6500 Universal Polyurea is a technologically advanced multiple application product. This polyurea is a moisture insensitive, self leveling, 100% solids, two component, 1:1 ratio, very flexible elastomer.

6500 is an excellent joint and crack filler for concrete in applications that are time critical. It works well in adverse temperature conditions as the material cures rapidly in ambient temperatures from -20F to 130F. The tack free time is 5 to 15 minutes. This permits to reopen the jobsite to vehicle and foot traffic just one hour after the application.

As a bonus feature WEBAC 6500 can be sprayed on various surfaces by utilizing an inexpensive attachment to the regular pneumatic dispenser. Now you can fill joints and spray an advanced polyurea product all with one basic system. Since the spray is fed from the cartridge system, we recommended it for smaller applications only.

APPLICATION

Clean the area of debris and contaminants, such as oils, loose materials, dirt, rubber etc., to allow for good adhesion of the product. Expose clean rough concrete for best results.

If using a saw to cut concrete and clean the crack, remove all the dust from the cut out area. Make sure the area is dry. Vacuum or blow off cement dust.

For bulk mixing, pre-mix each component thoroughly. Proportion equal parts by volume of Component "A" and Component "B" through appropriate metered mixing equipment. Mix only the quantity that can be used within 2 minutes and do not allow mixed material to reside in static mixing head or mixer for more than 2 minutes or nozzle blockage may result.

Do not add solvents. This will prevent proper cure. Not for sealing cracks and joints under hydrostatic pressure or with extreme movement. Material is a vapor barrier after cure. Minimum age of concrete must be 21-28 days, depending on curing and drying conditions prior to applications.

MAINTENANCE OF EQUIPMENT

Remove all excess sealant and any smears. Tools and mixing equipment are best cleaned immediately after use. Solvents are hazardous, are aggressive towards plastic and rubber and might be in conflict with regulations on the jobsite. Caution! Some cleaners are combustible.

Turn page for important additional information -->

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SAFETY/PRECAUTION

Protect your health! While working with WEBAC materials, safety goggles, gloves and safety clothing must be worn at all times. While injecting, a full face shield is strongly recommended. Spills and blow-outs do happen! Protect yourself and others on the jobsite. Consider property in proximity of the application area to prevent loss or damage. Protect your jobsite from unauthorized persons. Store all materials and equipment safely and out of reach of children!

Observe container labels, MSDS, and instructions in the WEBAC Product Catalog before using the product and equipment. In case one of the components comes in contact with the skin, wash thoroughly with soap and water. Provide adequate ventilation in volume and pattern in working area. Further protection: emergency showers and eyewash stations.

TECHNICAL DATA

PHYSICAL PROPERTIES:

Color (A+B)		Charcoal Gray, Black, or other
Viscosity (mixed)		Self Leveling
Mix Ratio (by volume)		1:1
Pot Life 100 grms at 77F		4 min
Tack Free , Thin Film at 77F		10-15 min
Initial Cure		60 min
Final Cure		5 days
% of Elongation	(ASTMD-412)	>200
Tensile Strength, psi	(ASTMD-412)	>700
Shore "A" Hardness	(ASTMD-2240)	80-85A
Tear Strength, pli, Die C	(ASTMD-624)	>125
Toxicity		Essentially Non-Toxic in Cured Form
Resistance to Chemicals		Resistant to Most Organic Solvents, Mild Acids, Alkali and Micro Organisms

Chemical Resistance Chart available

PACKAGING:

1:1 ratio by volume units: 22/44/56 oz. Cartridges, 2 gal. Units, 10 gal. Units
 22oz. cartridge yields 39 cu. in.

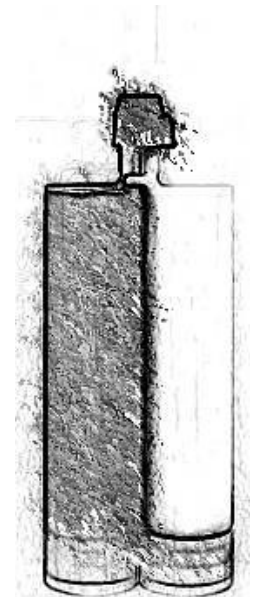
Shelf Life: 1 year in original unopened container.
 Storage Conditions: Store at 55F-95 F.
 Disposal: Empty containers must be drip free.

Application Guns

WEBAC supplies pneumatic and hand operated application guns for use with the 6500 Polyurea System. Please contact our technical staff for detailed information on which gun will suit your specific needs best.



Material Consumption						
Filling joint slots in given dimensions.						
Feet achieved with 22 oz. Cartridge						
Width (in.)	1/4"	1/2"	3/4"	1"	1-1/4"	1-1/2"
1/4"	52.9					
1/2"	26.5	13.2				
3/4"	17.6	8.8	5.9			
1"	13.2	6.6	4.4	3.3		
1- 1/4"	10.6	5.3	3.5	2.6	2.1	
1-1/2"	8.8	4.4	2.9	2.2	1.8	1.5
1-3/4"	7.6	3.8	2.5	1.9	1.5	1.2
2"	6.6	3.3	2.2	1.6	1.3	1.1
2-1/2"	5.3	2.6	1.8	1.3	1.1	.87
3"	4.4	2.2	1.5	1.1	.87	.73



PRODUCT WARRANTY: WEBAC AMERICA CORP. PRODUCTS ARE WARRANTED UNDER THE FOLLOWING POLICY: ALL RECOMMENDATIONS, STATEMENTS AND TECHNICAL DATA HEREIN ARE BASED ON TESTS WE BELIEVE TO BE RELIABLE AND CORRECT, BUT ACCURACY AND COMPLETENESS OF SAID TESTS ARE NOT GUARANTEED AND ARE NOT TO BE CONSTRUED AS A WARRANTY EITHER EXPRESSED OR IMPLIED. USER SHALL RELY ON HIS OR HER OWN INFORMATION AND TESTS TO DETERMINE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND USER ASSUMES ALL RISK AND LIABILITY RESULTING FROM HIS OR HER USE OF THE PRODUCT. SELLER'S AND MANUFACTURER'S SOLE RESPONSIBILITY SHALL BE TO REPLACE THAT PORTION OF THE PRODUCT OF THIS MANUFACTURER WHICH PROVES TO BE DEFECTIVE. NEITHER SELLER NOR MANUFACTURER SHALL BE LIABLE TO THE BUYER OR ANY THIRD PERSON FOR ANY INJURY, LOSS OR DAMAGE DIRECTLY OR INDIRECTLY RESULTING FROM USE OF OR INABILITY TO USE THE PRODUCT. RECOMMENDATIONS AND STATEMENTS OTHER THAN THOSE CONTAINED IN A WRITTEN AGREEMENT SIGNED BY AN OFFICER OF THE MANUFACTURER SHALL NOT BE BINDING UPON THE MANUFACTURER OR SELLER. WAC200312-w6500unipolyurea