

WEBAC 6500 *universal* POLYUREA

TWO COMPONENT FLEXIBLE JOINT REPAIR AND SPRAY SYSTEM

Cartridge System & in Pails



WEBAC 6500 *universal* POLYUREA

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 limited Exterior. Discoloration in UV exposure due to aromatic nature of product

ADVANTAGES

- ✓ 100% Solids, Meets VOC Regulations
- ✓ Remains Flexible, Even in Cold Temperatures
- ✓ Return Project to Service in 60 Minutes
- ✓ Cures From -20OF to 130OF
- ✓ 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

- ✓ Product sprayable with suitable equipment
- ✓ Affordable aromatic formulation for interior and limited exterior applications
- ✓ 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.

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. They 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.

SPRAY Application

WEBAC 6500 can be sprayed on suitably prepared surfaces by utilizing approved 1:1 spraying equipment.

Due to the aromatic nature of the product it is highly suited for interior applications and limited exterior applications. Discoloration in UV light exposure will occur. For a highly UV stable application please refer to WEBAC 6800 Aliphatic Spray Polyurea.

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.



POLYUREA REPAIR SYSTEM

WEBAC 6500 *universal* POLYUREA

FLEXIBLE JOINT REPAIR SYSTEM, CAULK AND SPRAYCOAT



Cartridge System & in Pails

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	ASTM D-412	200
Tensile Strength, psi	ASTM D-412	700
Bond Strength, fully cured clean concrete, psi	ASTM C-882	400
Shore "A" Hardness	ASTM D-2240	80-85A
Toxicity		Essentially Non-Toxic in Cured Form
Resistance to Chemicals		Resistant to Most Organic Solvents, Mild Acids, Alkali and Micro Organisms

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

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.



WEBAC CORP. LIMITED PRODUCT WARRANTY 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. WEBAC WARRANTS ITS PRODUCTS TO BE FREE OF MANUFACTURING DEFECTS. SELLER'S AND MANUFACTURER'S SOLE RESPONSIBILITY SHALL BE TO REPLACE THAT PORTION OF THE PRODUCT OF THIS MANUFACTURER WHICH PROVES TO BE DEFECTIVE. THERE ARE NO OTHER WARRANTIES BY WEBAC OF ANY NATURE WHATSOEVER EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IN CONNECTION WITH THIS PRODUCT. WEBAC SHALL NOT BE LIABLE FOR DAMAGES OF ANY SORT, INCLUDING REMOTE OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY CLAIMED BREACH OF ANY WARRANTY WHETHER EXPRESSED OR IMPLIED. WEBAC SHALL NOT BE RESPONSIBLE FOR USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT HELD BY OTHERS. IN ADDITION, NO WARRANTY OR GUARANTEE IS BEING ISSUED WITH RESPECT TO APPEARANCE, COLOR, FADING, CHALKING, STAINING, SHRINKAGE, PEELING, NORMAL WEAR AND TEAR OR IMPROPER APPLICATION BY THE APPLICATOR. DAMAGE CAUSED BY ABUSE, NEGLIGENCE AND LACK OF PROPER MAINTENANCE, ACTS OF NATURE AND / OR PHYSICAL MOVEMENT OF THE SUBSTRATE OR STRUCTURAL DEFECTS ARE ALSO EXCLUDED FROM THE LIMITED WARRANTY. WEBAC RESERVES THE RIGHT TO CONDUCT PERFORMANCE TESTS ON ANY MATERIAL CLAIMED TO BE DEFECTIVE PRIOR TO ANY REPAIRS BY OWNER, GENERAL CONTRACTOR, OR APPLICATOR. 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.