

TECHNICAL DATA

FLASHPATCH

PRODUCT #620

PRODUCT DESCRIPTION

A two-component, 70% solids, very fast setting, ultra-low viscosity, high strength urethane/polyurea concrete repair material. **Flashpatch #620** is formulated for combination with clean dry sand for quick turn-around repairs on spalled and deteriorated concrete.

Its quick build of compressive strength permits heavy forklift traffic in just minutes after placement. The product's low viscosity (20 cps) allows penetration into hairline cracks and sand fillers resulting in excellent adhesion to concrete. Formulated for use in either interior or exterior applications, **Flashpatch #620** can be applied to 20° F and up to 90° F on dry surfaces only.

Packaging: 2-gallon kit, 1 gallon of Part A & 1 gallon of Part B. Available in gray only.

ADVANTAGES

- Easy to use
- Can be applied down to 20° F
- Extremely quick return to service, supports fork truck traffic in 15 minutes
- Extremely low viscosity allowing deep penetration into cracks
- Excellent for rebuilding spalled control joints and concrete slab transitions

LIMITATIONS

- DO NOT APPLY TO MOIST SURFACES
- Will discolor if exposed to high U.V. sources
- Limited shelf-life once the container is opened

PRODUCT HANDLING

Read the Material Safety Data Sheet thoroughly before use.

Warning: For professional use only. Avoid contact of uncured material with skin and eyes. Contact with skin may result in irritation. Wash skin with soap and water. If contact with eyes should occur, flush with water for 15 minutes and seek immediate medical attention.

TECHNICAL DATA

Solids	70%
Viscosity	24 cps
Specific Gravity	A = 1.108, B = 0.847
Hardness Shore D	70 ASTM D224
Tensile Strength psi	4500 ASTM D624
Tear Strength psi	489 ASTM D624
Elongation %	7 ASTM D412
Compression Strength 2 Hr.	3900 psi (blended/sanded) 3000 psi (neat)
Compression Strength 7 Day	4800 psi (blended/sanded) 3900 psi (neat)
VOC	5 g/L
Color	Charcoal gray
Exudation	None
Shrinkage	None
Pot life 100 gram mass	190 seconds
Max. application temp	Cure Time 3 to 5 minutes @ 90° F for both product and substrate

CHEMICAL RESISTANCE

Refer to Separate Product Chemical Resistance tables, or for specific product applications, contact your local Thermal-Chem representative.

TECHNICAL DATA

FLASHPATCH

PRODUCT #620

PRODUCT APPLICATION

Surface Preparation: The concrete substrate must be clean, sound, and free of dust or standing water. Remove all curing compounds, coatings, loose concrete, and debris by abrasive blasting or chipping. For best results, saw cut edges of the patch area to a depth of 1/4". Where oil or grease build-up is present, the surface must be degreased to ensure strong adhesion. If contaminants continue to exist after repeated cleanings, additional concrete must be removed to reach clean, sound substrate material.

Warning: TurboPatch #620 is moisture sensitive and should not be applied to wet or moist surfaces.

Applying: TurboPatch #620 is applied in six (6) easy steps:

- Clean the area to be repaired
- Vacuum and remove all debris
- Fill repair area with silica sand
- Mix TurboPatch #620 liquids
- Saturate the silica sand with TurboPatch #620
- Clean up any overfill

Clean up & Disposal: Wash hands with soap and water. Clean any tools used with a general-purpose solvent such as xylene or lacquer thinner. Dispose of in accordance to local and state regulations.

TECHNICAL/SPECIFICATION SERVICES

Additional Product Data, complete Technical Support and Product Specifications are all available through Thermal-Chem Corporation or its local representatives.

Every reasonable precaution and effort has been taken in the manufacturer of all Thermal-Chem products to comply with the published product data. Actual product performance may vary slightly due to environmental influences and/or conditions.

PRODUCT AVAILABILITY

Products are manufactured and available through the Thermal-Chem Corporation, 2120 Roberts Drive, Broadview, IL 60155 U.S.A.

Tel: (800) 635-3773 | (847) 288-9090

Email: sales@thermalchem.com

Website: www.thermalchem.com

LIMITED WARRANTY

Thermal-Chem Corporation warrants its product to be of good quality and will, at Thermal-Chem's sole discretion, replace or refund the original purchase price (if payment was made in accordance with Thermal-Chem's payment and credit terms) of any product proved defective or non-conforming. Satisfactory results depend not only upon quality products but also upon many factors beyond our control. **THE PARTIES AGREE THAT THE REPLACEMENT OR REFUND OF PRODUCT PAYMENT FOR DEFECTIVE PRODUCT OR NON-CONFORMING GOODS IS THE SOLE AND EXCLUSIVE REMEDY. Therefore, except for such replacement, THERMAL-CHEM CORP. MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS,** and Thermal-Chem Corporation shall have no other liability with respect thereto, including without limitation, liability for incidental or consequential damages. Any claim regarding product defect must be received in writing within ninety (90) days from the date of shipment. No claim will be considered without such written notice or after the specified time interval. The user shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.