Product Information

BDC 7200 ***Crack Patch Gel & Paste***

Description

BDC 7200 Series is a premium quality 2 part epoxy patching compound. It provides epoxy high build, maximum toughness, flexibility, excellent chemical resistance in a quick drying paste.

Uses

BDC 7200 Series is designed to be used on concrete, metal, wood, masonry or where a tough yet flexible epoxy paste is required. Uses include patching surface cracks on concrete floors prior to application of many BDC products or as a general purpose patch on concrete, block or wood to fill small voids before coating with other products.

Advantages

- **Convenient 1:1 Mix Ratio**
- **Fast Setting Time**
- **High Build**
- **Chemical Resistant**
- **Flexible**
- **Very Durable**
- **Moisture Tolerant**

Inspection

Surface must be structurally sound, dry and free of oil, grease, curing agents, dirt, dust or other foreign matter. Surface must be roughed up or porous.

Preparation

Prepare surface by sanding, grinding waterblasting, sandblasting or shot blasting to achieve a clean, porous and uniform surface that will allow product to soak in and bond permanently. Clean out cracks with a crack chaser (diamond blade). Chip out any loose or unstable material in the area to be filled. The most common reason for coating failure is due to lack of preparation. The surface must be porous or rough enough to allow the product to adhere.

Primer

Priming is not necessary for general purpose patching. When installed as part of an epoxy floor system it is best to prime first using the BDC Vapor Seal epoxy primer. See Vapor Seal Series product information sheet for application instructions.

Coverage

BDC 7200 Series is usually applied by hand and smoothed with a trowel. The coverage will vary depending on the thickness applied and the porosity and texture of the surface.

For lineal foot coverage per gallon, cross reference the crack depth with the crack width.

		Width		
		¼"	3/8"	½"
DEPTH	¼"	308'	205'	154'
	3/8"	-	136'	102'
	½"	-	-	77'

Mixing

In a clean and dry bucket thoroughly mix 1 part A and 1 part B together. Combine using an agitator, jiffy mixer or stir stick at low rpm. Mix slowly for at least 3-5 minutes or until completely combined. Only prepare the amount you can use in ½ hour. Containers come pre-measured in ½ gallon and 2 gallon kits.

Adding Aggregate

Silica sand (or other aggregates) may be added to enhance workability and increase the yield of the mix. Silica sand will also increase pot-life and depending on the size, effect the texture and your ability to feather the patching compound. Depending on the size and amount of aggregate you add, you will also increase the tensile and compressive strength and hardness while decreasing the elongation of the product.

***Application*:**

A trowel or putty knife is the best way to apply the epoxy into the crack or void you are attempting to fill. If the area is going to be coated with a thin film coating such as epoxies you may wish to slightly overfill the area then sand it flush the next day to match the texture of the existing surface. Silica sand may be broadcasted into the epoxy to add texture and act as a binder for subsequent coats of material.

Drying Time

You may re-apply additional 7200 paste or most any other epoxy system as soon as the product has hardened (usually 4-8 hours). Light foot traffic permitted in 12 hours, normal in 24 hours, light vehicle in 48 hours. Heavy vehicular traffic permitted after 72 hours. All times are based on average

temperature of 70 degrees and 50% humidity. Cooler temperature will increase drying time.

Temperature/Weather

Do not install this product below 50 degrees and do not allow water to come into contact until it has cured for 24 hours.

Limitations

- **Do not apply at temperatures below 50˚F or above 95˚F.**
- **Do not let mixed product sit in bucket for prolonged period of time or it will become very hot and unusable.**
- **Do not apply over concrete with Moisture Vapor Emissions above 4.5lbs/1000 ft²/24hr.**
- **For interior use only unless protected by a pigmented UV resistant coating.**
- **Concrete must be cured for a minimum of 28 days.**
- **Solvents added to thin such as acetone will make product combustible or flammable in which case be aware of sparks or open flame.**
- **If solvent is added, the product must be applied thinly (300+ ft²/gal to allow the solvent to escape and proper curing to occur.**
- **Shelf Life of this material is 1 year from the date of manufacture. (See batch number for manufactured date)**

Clean Up

Uncured material can be removed with a solvent. Cured material can only be removed mechanically. All empty containers must be disposed of according to local, state, and federal regulations.

Warranty

B.D. Classic Enterprises guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. B.D. Classic makes no other warranty, expressed or implied, and all warranties of merchantability and fitness for a particular purpose are hereby disclaimed. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product. Manufacturer shall not be liable for material used outside of its shelf life. For product dating, please refer to the batch number on the product or contact B.D. Classic.

Technical Data:

Test Type	GEL	PASTE
Viscosity (ASTM D-445-83, Brookfield, TVTD, Spindle 4	5500-7000	7500-10,000
Gel Time (100 g mass/mins) – Techne GT-4 Gelation Timer	35	35
Tensile Strength (psi) – ASTM D 638-86	1530	1490
Modulus (psi) – ASTM D 695-85	33800	32,500
Tensile Elongation % - ASTM D 638-86	55	45
Shore D Hardness – ASTM D 2240-86	45	45
Thin Film Set Timers, hrs (70°F) – BK Drying Recorder	7 hr.	7 hr.