



BC BUILDING PRODUCTS
THE ENVELOPE SPECIALISTS

TECHNICAL DATA SHEET

Basalite Fast Patch

Manufacturer: Basalite / SAKRETE

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SUPPLIED BY BC BUILDING PRODUCTS

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DESCRIPTION:

FAST PATCH is a sanded, cement-based, fast-setting concrete patch. FAST PATCH is formulated to set in fifteen minutes and gain strength rapidly. It will not slump, allowing for application without formwork.

USES:

FAST PATCH can be used for:

- ⇒ General purpose concrete patching
- ⇒ Patching or repairing connections in concrete pipe, precast concrete, overhead beams and floors
- ⇒ Quick patching repairs on sidewalks, curbs and driveways
- ⇒ Underwater concrete patching

ADVANTAGES:

- ⇒ Controlled 15-minute set time
- ⇒ High early strength, 7MPa (1015 psi) in one hour
- ⇒ Superior bonding characteristics
- ⇒ Usable on vertical and overhead surfaces
- ⇒ Non-chloride
- ⇒ Can be tooled and shaped
- ⇒ Ready to use; just add water

PROCEDURES:

SURFACE PREPARATION:

All surfaces to be in contact with FAST PATCH must be entirely free of oil, grease or other foreign substances. Roughen surface and clean thoroughly with potable water leaving the concrete saturated but free of standing water.

MIXING: FAST PATCH should be thoroughly mixed to the desired consistency by varying the amount of water used. FAST PATCH is not designed to be a pourable patch. It is important not to exceed the recommended water requirements. Mortar mixers, drill and paddle, barrel-type mixers and hand mixing are suitable for blending FAST PATCH.

CONSISTENCY	MAXIMUM RECOMMENDED WATER / 25kg (55lbs)
Trowelable	4.0 liters (4.2 US quarts)

PLACEMENT: FAST PATCH may be dry-packed or troweled into place. Only mix the amount of material that can be easily placed in fifteen minutes.

CURING: It is desirable to moist cure FAST PATCH for at least eight hours after initial set.

TECHNICAL DATA: The data outlined below is representative of typical values achievable under controlled laboratory conditions. Results obtained in the field may vary from those stated.

PROPERTIES	TEST METHOD	
Flow:	ASTM C928	50 -100%
Set Time :	Initial	7 min
	Final	15 min
Bleeding:	CSA A23.2/ ASTM C940	Nil
Segregation:		Nil
Sulphate Resistance:	CSA A23.1/ ASTM C1012	0.09% at 52 wks
Density: - kg/m ³ (lb/ft ³)	ASTM C185	2171 (136)
Yield: - kg/m ³ (lb/ft ³)		0.013 (0.47)
Compressive Strength (min.):	ASTM C109	MPa (psi)
1 hr.		7 (1015)
1 day		10 (1450)
7 day		30 (4350)
28 day		40 (5800)

LIMITATIONS:

Adhering to recommended water additions is very important. Exceeding the maximum recommended water content per sack will result in inferior physical properties. FAST PATCH should not be used in applications where thickness exceeds 50mm (2 inches).

- ⇒ FAST PATCH is designed as a trowelable concrete repair material. For structural applications requiring flowable consistencies and fast set, NON-SHRINK GROUT FAST SET should be used.
- ⇒ FAST PATCH set time and strength gain will slow noticeably when used in temperatures below 5°C (41°F).
- ⇒ FAST PATCH is not designed for resurfacing large areas (15 ft² and over). In cases of area over 15ft² use Traffic Patch Fine.
- ⇒ Liability for damages or defective goods shall be limited to the refund of the purchase price or product replacement.

PACKAGING:

FAST PATCH is packaged in 25kg(55lb) triple-lined paper bags, and tubs sized 2kg(5lb), 5kg(11lb) and 10kg(22lb). All Basalite Dry Mix can be custom packaged to meet specific project requirements.

SAFETY PRECAUTIONS:

FAST PATCH contains Portland cement and other carefully selected additives. Normal safety wear such as rubber gloves, dust mask and safety glasses, used to handle conventional cement-based products, should be worn. Safety Data Sheets are available at www.basalite.ca.