



FASTSET 30

POWDER SOLUTIONS

CONCRETE REPAIR

FASTSET 30 (FASTSET FS30) is a polymer modified, cementitious repair compound for cosmetic concrete repair. It sets within 20 to 30 minutes, depending on temperature, giving more working time than FASTSET 1 while still allowing a rapid repair. It conforms to Class R3 of EN 1504-3.

DESCRIPTION

What is FASTSET 30?

FASTSET 30, also referred to as FASTSET FS30, is a polymer modified, cementitious repair compound for cosmetic concrete repair. It sets within 20 to 30 minutes, depending on temperature, to suit rapid repair of concrete structures, and it conforms to Class R3 of EN 1504-3.

Like FASTSET 1, it contains special cements that provide a rapid set and very high early strengths, and powder polymers that provide strong adhesion to the substrate along with improved surface hardness. The difference is working time. FASTSET 30 sets within 20 to 30 minutes rather than 5 to 10 minutes, which makes it easier to use on repairs that need careful shaping.

APPLICATIONS

- › Cosmetic concrete repair
- › Rapid repair of damaged surfaces in precast concrete
- › Repair of in-situ concrete
- › Filling surface voids and blowholes
- › Concrete pipe spigots and sockets
- › Damaged concrete floors and steps

KEY BENEFITS

- ✓ Rapid set times, approximately 20 minutes at 20°C
- ✓ More working time to shape and profile than FASTSET 1
- ✓ Very high early strengths
- ✓ Low shrinkage
- ✓ High bond strength
- ✓ Non-corrosive, compatible for use with steel reinforcement
- ✓ Supplied in 15kg paper sacks



TECHNICAL DATA

Form	Polymer modified, cementitious repair compound
Use	Cosmetic concrete repair
Mix ratio (water to powder)	Typically 1:5 by weight
Setting time	20 to 30 minutes, depending on temperature
Compressive strength at 28 days	> 25.0 N/mm²
Classification	Class R3 (EN 1504-3)
Adhesive bond strength	> 2.0 MPa
Chloride ion content	< 0.05%
Minimum application temperature	5°C
Yield	Approximately 5.10 litres per 10kg pack
Supplied as	15kg paper sacks
Storage temperature	5°C to 30°C
Shelf life	12 months from date of manufacture

PACKAGING

- › 15kg paper sacks

STORAGE AND SHELF LIFE

12 months from date of manufacture when stored correctly, between 5°C and 30°C.

HEALTH AND SAFETY

Refer to the Safety Data Sheet, available on request from UKCP.

MIXING, APPLICATION AND TECHNICAL SUPPORT

Mixing ratio, application temperatures, layer thickness and curing depend on the repair and site conditions. Contact the UKCP technical team on 07717 707163 or sales@ukconstructionproducts.co.uk for mixing and application guidance and for advice on product selection. Carry out a trial repair where appropriate. The latest version of this datasheet is available at ukconstructionproducts.co.uk/products/fastset-30.