

SASTile SP80

High Performance Tile Adhesive with unique Properties

PRODUCT DESCRIPTION

SASTile SP80 is a high performance cement based polymer modified adhesive for fixing granite, vitrified tiles, glass mosaics, glass bricks, ceramic wall and floor tiles.

SASTile SP80 is ideal for both indoor and outdoor floors and walls.

AREAS OF APPLICATION

SASTile SP80 is used for fixing a wide range of tiles on the following substrates:

- Concrete
- Floor Screeds
- Portland cement based renders

SURFACE PREPARATION

Surface preparation is important. All surface should be dry, clean, and free from standing water, grease, curing compounds, mould oils and all loosely adhering particles. Cement laitance should be removed by mechanical means. Roughen surfaces with chipping to ensure good bonding.

MIXING

SASTile SP80 supplied in 40 kg bags has to be mixed with potable water only, in a clean plastic bucket. To ensure a homogenous and uniform mix, an electric agitator must be used.

The amount of water to be added is approximately 11 lts. per 40 kg. Add **SASTile SP80** to water, turn the contents of the bag carefully and stir frequently. Once mixed, allow it to stand for five minutes and mix again before applying. No further water should be added to the mix. The mixed mortar should be used within 30 minutes.

PRODUCT PREPARATION

SASTile SP80 is rendered in one coat, having a thickness of 3-5 mm. To achieve uniform thickness, the mortar is leveled with a serrated trowel. The thickness of the adhesive will depend on upon the type and the size of tile. Do not spread more than 1m² at a time. Spreading large areas may result in the mortar drying before tiles can be pressed home, causing poor adhesion.

Once the mortar has been applied, the working time will vary according to the porosity of the surface and atmospheric condition. Tiling in wet areas, i.e shower rooms, swimming pools and in all such instances, ensure a solid bedding. There must be no void or air pockets behind the tiles. Do not apply the mortar sparingly.

JOINTS

Ceramic tiles should not be fixed with tight joints. Leave a minimum of 2 mm around every tile. For normal use, the tile joints should be filled with SAS Cementitious grout.

CHARACTERISTICS

Mixing Ratio	:	11 lts. of water per 40 kg bag
Approximate Yield	:	28.8 lts. Per 40 kg bag
Approximate Coverage	:	11.2 m ² per bag at 3 mm thickness
Waiting time to grouting	:	24 hours
Waiting time to walk on	:	24 hours



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TECHNICAL PROPERTIES

Aggregate Size	: 0-0.5 mm
Appearance	: White Powder
Density	: Wet: 1.75 kg/lt. Dry: 1.65 kg/lt.
Compressive Strength	: 20 Mpa
Flexural Strength	: 3.5 Mpa
Tensile Adhesion Strength	: > 1 Mpa
Open time	: 45 mins.

HEALTH & SAFETY

Consult MSDS prior to using the product. As an individual, protection is recommendable to use gloves and nose mask against dust.

PACKING & STORAGE

SAS Tile SP80 is supplied in 40 kg bag and must be stored in a dry place, off the ground and well covered. Hard or lumpy material must be rejected.

CONFORMITY

SAS Tile SP80 confirms to the following standard :

BS:5980, Type 1, Class A.A & B.S 4551, ANSI A 118.1, ANSI A 118.4:2005, BSEN 12004:2007, DIN18156-2 & ISO 13007

SHELF LIFE

12 months from date of production when stored under dry conditions.