

## SASTile HP60

### High Performance Tile Adhesive

#### PRODUCT DESCRIPTION

**SASTile HP60** is a high performance cement based polymer modified for fixing most type of tiles. It is mostly used for tiles having high water absorption capacity.

SASTile HP60 is ideal for both indoor and outdoor floors and walls.

#### AREAS OF APPLICATION

**SASTile HP60** 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 HP60** 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 10 lts. per 40 kg. Add **SASTile HP60** 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 HP60** is rendered in one coat, having a thickness of 2-5 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 1m<sup>2</sup> 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

<b>Mixing Ratio</b>	:	10 lts. of water per 40 kg bag
<b>Approximate Yield</b>	:	27.2 lts. Per 40 kg bag
<b>Approximate Coverage</b>	:	11.2 m <sup>2</sup> per bag at 3 mm thickness
<b>Waiting time to groutin</b>	:	24 hours
<b>Waiting time to walk on</b>	:	24 hours



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## TECHNICAL PROPERTIES

<b>Aggregate Size</b>	: 0-0.5 mm
<b>Appearance</b>	: Powder (Grey / White)
<b>Density</b>	: Wet: 1.8 kg/lt. Dry: 1.7 kg/lt.
<b>Compressive Strength</b>	: 15 Mpa
<b>Flexural Strength</b>	: 3 Mpa
<b>Tensile Adhesion Strength</b>	: > 0.5 Mpa
<b>Open time</b>	: 45 mins.

## HEALTH & SAFETY

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

## PACKING & STORAGE

SAS Tile HP60 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 HP60 confirms to the following standard :

BSEN 12004:2007, DIN18156-2 & ANSI A 118, ISO 13007

## SHELF LIFE

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