**Sika® Plaster Mix**

**Brick Laying and Plaster**

**Description**
Instant cement for brick, red brick, light brick laying and plastering works. Cement based material with homogenously mixed filler and additive.

Product Standard Reference
- DIN 18550
- DIN 18555
- DIN 1053

**Advantage**
- Easy and ready to use, by water addition only.
- Dual function for bricks laying and plastering works.
- High adhesiveness and plasticity in time of application.
- Thinner mixture application and more neat bricks laying to save material using.
- Mixture is not dry and absorbed easily into bricks surface pores.
- More cost effective due to faster working process.
- Prevents hair cracking caused by material shrinking.
- Stronger and smoother wall surface result.

**Application**
Sika® Plaster Mix can be applied on various surface, such as:

**Plastering works**:
- Red or light brick laying surface.
- Concrete surface that have been treated with Sika® Plaster Mix.

**Bricks laying works**:
- Rigid and stable structure surface (Slab or ring beam) concrete or steel, that have been treated with SikaCim® Bonding Agent.
- Red and light bricks (ALC) laying.

**Usage**

**Working equipment**
Brush, long steel or aluminium spreader.

**Preparation**
Red & light bricks laying:
1. Prepare working place and surface.
2. Place enough reference for even bricks laying.
3. Clean surface base from chips, dirt and oil can reduce adhesiveness of mixture.
4. Wet the bricks with water before laying.

Plastering:
1. Prepare working place and surface.
2. Place enough reference for even plastering.
3. Clean surface base from chips, dirt and oil can reduce adhesiveness of mixture.
4. Wet working surface base if it too dry.

**Mixing**
1. Put Sika® Plaster Mix dry powder into mixing container.
2. Add water in amount of 3.8 – 4.0 liter for a bag (25 kg) of Sika® Plaster Mix.
3. Mix the powder and water to form an even mixture.
Use

Red & light brick (ALC) laying:
1. Bricks are laying manually as usual.
2. Recommended space thickness is 10 mm.

Plastering:
1. Plastering is done usual.
2. Recommended space thickness is 10 mm.

Coverage

Brick Laying:
Red Brick: ± 0.8 m² / bag 25 kg / 10 mm
Light Brick: ± 2 m² / bag 25 kg / 10 mm

Plastering:
Red Brick: ± 1.2 m² / bag 25 kg / 10 mm
Light Brick: ± 1.3 m² / bag 25 kg / 10 mm

Technical Data

Shape
Powder

Color
Light grey

Application Thickness
± 10 mm for red & light brick laying, 10 mm for plastering.

Bonding agent
Portland cement.

Aggregate
Selected sand with maximum 3 mm grain size

Filler
To increase density and reduce mixture porosity

Additive
Water solution to increase workability and adhesiveness

Water requirement
3.8 – 4.0 liter / bag 25 kg

Density

ASTM C 185
Dry = 1.7 kg / liter
Wet = 1.9 kg / liter

ASTM C 109
> 4 N/mm² @ 28 hari

Water retention
BS 4551
>95%

Drying shrinkage
ASTM C531
<0.1%

Packaging
bag 25 kg

Storage
Store in room and keep it dry. Avoid excessive stacking, maximum 8 stacks for each pallet (maximum stack of pallet = 2).

Self Life
12 months if stored in closed bag in a dry room.

Legal Notes

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