

## PRODUCT DATA SHEET

# SikaWall®-165 WP Plaster

(formerly Davco® WP Plaster ECO)

### PRE-MIXED WATERPROOF PLASTER

#### DESCRIPTION

SikaWall®-165 WP Plaster is a high quality, premixed cementitious plaster that is specially blended to be used on wall surfaces. It provides effective integral waterproofing by forming a hydro-phobic layer within the plaster. It is easy to use and provides superior bonding to concrete substrate and brickwork surfaces.

#### USES

SikaWall®-165 WP Plaster is an extremely versatile material. It is highly recommended for bedding, pointing brickwork and blockwork, backing and bedding for wall tiles. It also serves as an additional waterproofing protection for external wall surfaces.

SikaWall®-165 WP Plaster can be used for all types of concrete substrate, lightweight autoclaved aerated blocks, brickwall and blockwall etc., whenever a waterproof plaster system is needed.

#### CHARACTERISTICS / ADVANTAGES

- Formulated with recycled materials to minimize environmental impact.
- Premixed to ensure good consistent quality.
- Prepacked for convenience in handling and transportation.
- High bonding strength.
- Good weather resistance and high durability.
- SikaWall®-165 WP Plaster is hydrophobic.

#### PRODUCT INFORMATION

<b>Packaging</b>	40 kg/bag
<b>Appearance / Colour</b>	Grey Powder
<b>Shelf Life</b>	12 months from the date of production
<b>Storage Conditions</b>	Store properly in original, unopened and undamaged sealed packaging in dry conditions. Keep away from direct sunlight and frost.
<b>Effective Thickness</b>	<b>Recommended Thickness</b> Up to 15 mm thick per layer of application
<b>Maximum Grain Size</b>	5.5 mm
<b>Consistency</b>	Homogeneous mortar paste

#### TECHNICAL INFORMATION

<b>Tensile Adhesion Strength</b>	<b>Bond Strength</b> > 0.6 N/mm <sup>2</sup>
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## APPLICATION INFORMATION

Mixing Ratio	5.5 - 6.6 litres of water to 40 kg/bag
Consumption	22 - 26 m <sup>2</sup> /mm / 40 kg bag
Pot Life	60 minutes

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### SURFACE PREPARATION

Remove all dust, oil or traces of foreign materials. Dampen the dry concrete or plastered surface before application of SikaWall®-165 WP Plaster.

### MIXING

Mix thoroughly using an electrical mixer or a paddle mixer for 3 to 5 minutes until the desired homogeneous mortar paste is achieved. Ensure the mix is free from lumps before use.

### APPLICATION

SikaWall®-165 WP Plaster is applied using a steel trowel and will remain workable for approximately 60 minutes after mixing.

## CURING TREATMENT

The plaster should be cured with water spray for the first few days especially in hot external conditions to prevent rapid moisture loss and for shrinkage control.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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