

## PRODUCT DATA SHEET

# SikaCeram<sup>®</sup>-262 Tile Adhesive

A PREMIUM PERFORMANCE FLEXIBLE MULTI-USE GREY ADHESIVE FOR TILE AND STONE

### DESCRIPTION

- A high performance polymer fortified flexible grey cement based tile and stone adhesive suitable for use on walls and floors, for both internal and external applications. SikaCeram<sup>®</sup>-262 Tile Adhesive is suitable to install natural stone, glass mosaic, terracotta, slate, porcelain, & ceramic tiles.
- The exceptional high bond strength, smooth creamy consistency and flexible performance makes the SikaCeram<sup>®</sup>-262 Tile Adhesive suitable for most applications. SikaCeram<sup>®</sup>-262 Tile Adhesive is recommended for domestic and commercial applications including immersed pools, and spas.
- The superior non slump properties are suitable for large format tile and stone to minimise tile lippage.
- SikaCeram<sup>®</sup>-262 Tile Adhesive is manufactured with Sika DUST LESS technology which reduces jobsite dust compared to conventional tile adhesives.

### USES

**SikaCeram<sup>®</sup>-262 Tile Adhesive is suitable for use on the following substrates;**

- Concrete
- Compressed cement boards
- Ceramic Tile Underlay / Fibre cement sheeting
- Screeds, Mortar beds and Cement renders
- Sika branded membranes suitable for tiling applications
- Gypsum plasterboard (internal only)
- Sika approved acoustic underlays
- Sika branded cement based levelling underlayment's
- Foam boards with cement & resin fibre reinforcement mesh
- Particleboard over sheeted with Ceramic Tile Underlay

**SikaCeram<sup>®</sup>-262 Tile Adhesive is suitable for most typical tile and stone including;**

- Ceramic tiles
- Porcelain tiles
- Natural stone\*, include marble, sandstone, granite, slate.
- Agglomerates / Terrazzo\*
- Mosaic tiles
- Quarry & Terracotta tiles

**\*Not suitable for light or translucent stone, moisture sensitive or dimensionally unstable stone.**

### CHARACTERISTICS / ADVANTAGES

- Suitable for immersed applications, pools and spas.
- Suitable for use with under tile heating
- Superior bond strength for commercial and domestic use
- Non slump / non shrink properties / minimising lippage
- Grey colour is suited for dark tile & stone
- Smooth creamy consistency for easy application
- Sika DUST LESS Technology minimises onsite dust
- exceptional non slump and non shrink properties minimises tile lippage
- Low VOC

## PRODUCT INFORMATION

<b>Packaging</b>	20kg Paper bags / 64 bags per pallet.
<b>Appearance / Colour</b>	Grey powder
<b>Shelf life</b>	Unopened bags can be stored for up to 12 months from date of manufacture.
<b>Storage conditions</b>	Store in a dry cool condition off ground out of direct sunlight. High temperature and humidity may reduce shelf life.
<b>Density</b>	1.25 Kg/L

## APPLICATION INFORMATION

<b>Mixing ratio</b>	SikaCeram®-262 Tile Adhesive requires 5 - 6 Litres of gauging liquid per bag.			
	<b>Performance level</b>	<b>Water</b>	<b>Davelastic</b>	<b>Total Liquid</b>
	Domestic applications	5-6 Ltrs		5 - 6 Ltrs
	Immersed applications	2.5 - 3 Ltrs	2.5 - 3Ltrs	5 - 6 Ltrs
	Commercial applications	2.5 - 3 Ltrs	2.5 3 Ltrs	5 - 6 Ltrs
When using Davelastic additive always mix the water and additive first then add the SikaCeram®-262 Tile Adhesive powder.				
<b>Substrate temperature</b>	5°C to 35°C			
<b>Pot Life</b>	2 hours			
<b>Adjustability time</b>	30 minutes dependent on climate conditions and substrate porosity.			
<b>Applied product ready for use</b>	<b>Application</b>	<b>Wait Time</b>		
	Grouting on walls	12-24 hours		
	Grouting on floors	24 hours		
	Return to service - dry area	24 hours		
	Return to service - wet area	2 days		
	Return to service - immersed	21 days		
Return to service times shall depend on environment conditions, test results are conducted in laboratory conditions at 23°C & 50% relative humidity.				

## 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.

## IMPORTANT CONSIDERATIONS

- Test product in an inconspicuous area first.
- For other uses not mentioned in this document please visit <https://aus.sika.com/en/home.html> or contact Sika® Australia
- Tiling works must be tiled in accordance to Australian Standard AS3958.1 "The Guide to Ceramic Tiles".
- SikaCeram®-262 Tile Adhesive is not suitable for direct fixing over solvent based waterproofing membranes.

- SikaCeram®-262 Tile Adhesive is not suitable for direct fixing over particle board or timber flooring. Floors must be sheeted with a Ceramic Tile Underlay or reinforced screed laid prior.
- When used externally above 3 meters high use in conjunction with mechanical fixing or shelving angles
- SikaCeram®-262 Tile Adhesive is not suitable for moisture sensitive or dimensionally unstable tile and stone.

## 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

## EQUIPMENT

- Protective personal equipment
- Slow speed mixing drill with mixing paddle attachment.
- Gauging trowel
- Notched Trowel
- Mixing bucket
- Measuring Jug

## SUBSTRATE QUALITY / PRE-TREATMENT

All tiling works shall be carried out in accordance to AS 3958.1 The guide to the Installation of Ceramic Tiles. Substrates deflection: all substrates must be rigid enough to support the tiling system.

**Concrete Substrates:** must be free from curing compounds, release agents, laitance, oil, grease, dirt, debris and efflorescence. Early aged concrete must be minimum 10 days old and a minimum of 20Mpa

**Screeds & Mortar beds:** must be installed as per AS 3958.1 and be well compacted with falls to wastes as required. Screed shall be a minimum of 24 hours old at 23°C & 50% RH per 40mm thickness.

**Ceramic tile underlay / cement board substrates:** Must be installed as per manufacturer instructions and specifically designed for tiling.

**Existing tiles:** must be firmly fixed (not hollow or drummy), polished or glossy tiles require the glaze removed by mechanical means such as grinding.

**Contaminated Surfaces:** must be mechanically prepared to expose at least 80% of the original substrate.

**Priming:** use a suitable Sika branded primer to prime substrates.

## MIXING

- Measure the required amount of clean, cool potable water into a clean mixing bucket.
- Slowly add the SikaCeram®-262 Tile Adhesive powder to the water while mixing with a slow speed drill with mixing paddle. Do not mix by hand.
- Stir the mixture for a minimum 3 minutes until it reaches a smooth lump free consistency.
- Allow the mixture to stand for 5 minutes then restir for an additional minute.
- SikaCeram®-262 Tile Adhesive may need additional stirring during the pot life, do not add any additional water.

## APPLICATION

### Notched Trowel Size Guide

Tile Size	Trowel size
Mosaic Tiles	4-6mm
100x100mm	6mm
200x200mm	8mm
300x300	10mm
400x400*	12mm
Tiles with uneven backs, or lugs*	12mm
Natural Stone*	12mm

**\*Requires the tile or stone to be back-buttered with adhesive.**

1. Place a quantity of adhesive onto the prepared substrate. Do not apply more adhesive than can be covered within the open time of the product, usually from a single tile to 1m<sup>2</sup>.
2. Hold the notched trowel at an angle of 60° or greater to the substrate.
3. Spread the adhesive over the area where the tile is to be applied forming straight rows of adhesive.
4. Where back buttering is required use the flat size of the notched trowel to apply a thin 1-2mm layer of adhesive to the back of the tile.
5. Lay the tile into the desired position and move the tile across the adhesive lines to fully bead the tile into the adhesive to ensure no voids are in the adhesive layer. Occasionally lift a tile to ensure sufficient coverage (90-100%) then replace the tile.
6. After laying the tiles at a section at a time remove any residual adhesive from the face of the tile and from the grout joints while the adhesive is still wet.
  - Do not allow the adhesive to skin prior to laying the tile. If skinning occurs remove and replace with fresh adhesive.

## CLEANING OF EQUIPMENT

The adhesive can be cleaned off tools and equipment while it's still wet. Adhesive that has dried will need mechanical removal.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## 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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### **Product Data Sheet**

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