

## PRODUCT DATA SHEET

SikaCeram<sup>®</sup>-855

TWO-COMPONENT, EPOXY-BASED GROUT WITH HIGH-QUALITY, COLORFUL FILLERS

## DESCRIPTION

SikaCeram<sup>®</sup>-855 is a two-component textured sanded epoxy grout formulated with advanced polymers and premium colored sand particles. This product features a refined, sand-textured finish available in a range of vibrant colors and provides a striking appearance after curing. It is ideal for grouting and edge sealing of most types of ceramic tiles, mosaics, stone, glass, and aluminum-plastic panels, making it suitable for wet rooms areas such as kitchens and bathrooms. It is not suitable for external applications.

## USES

Suitable for grouting applications on most types of ceramic, porcelain and non-absorbent tiles for indoor wet areas.

## CHARACTERISTICS / ADVANTAGES

- Matte-textured, colored sand
- Elegant and luxury, distinguished with exceptional quality
- High hardness, abrasion resistant, and ease of cleaning
- Low odor
- Resistant to weathering and aging, ensuring long-lasting performance.
- Environmentally friendly

## PRODUCT INFORMATION

Chemical Base	Epoxy resin
Packaging	350 ML double side-by-side cartridge
Colour	Multi Colours
Shelf Life	12 months from date of production
Storage Conditions	Store unopened products in a dry, cool, and ventilated place.
Volatile organic compound (VOC) content	≤ 50 g/L (GB 33372)

## TECHNICAL INFORMATION

Shore D Hardness	≥ 55 (GB/T 531.1)
Abrasion Resistance	≤ 250 mm <sup>3</sup> (JC/T 1004)
Compressive Strength	≥ 35 MPa (JC/T 1004)
Tensile Strength in Flexure	≥ 20 MPa (JC/T 1004)

<b>Shrinkage</b>	≤ 1.5 mm/m	(JC/T 1004)
<b>Water Absorption</b>	≤ 0.1 g	(JC/T 1004)

## APPLICATION INFORMATION

### Consumption

<b>Ambient Air Temperature</b>	5 - 35 °C	
<b>Tack Free Time</b>	≤ 4.0 h	(GB/T 13477.5)

## 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.

## FURTHER DOCUMENTS

- Avoid eyes or skin long-term contacting with incomplete curing grouting.
- Keep this product out of reach of children.
- There might be slight differences in colour effects within different batches of products; please test in a small-scale to ensure a good decorative effect before large-scale application.
- Suggest avoiding using the light-coloured grout in direct light area as the risk of light-coloured grout yellowing by direct light conditions.
- Discard the mixed grout about 30 cm long at the front end to prevent uneven mixing of the two components from affecting the quality of the joints before grouting. Apply with a well-mixed grout.
- Apply grout along the tile joints, ensuring an even and uniform fill. Avoid long pauses during application, as this can cause the grout to solidify in the nozzle. Replace the nozzle if necessary before continuing.
- Press, smooth and straighten the grouting strip with tungsten steel joint blade.
- Immediately clean any spilled grout from the tile surface using a damp cloth or sponge. After 8 hours at room temperature, remove any remaining grout with a sharp scrapper. In winter, allow for a longer cleaning time due to lower temperatures.
- Extending the cleaning time in winter with it is low temperature.
- Allow the grout to cure for 24 hours at 20 - 30 °C before touching or allowing traffic.

## 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

### APPLICATION

- The width of the joint should be no less than 2 mm to have good decorative effect.
- The surface (especially the tile joint) should be clean, dry, free of oil, dust debris residue.
- Wax the tile surface before the grout application for removing the residue of grout easily after application.
- Open and put SikaCeram®-855 into the special labour-saving grout gun and ensure its bayonets of both sides have been snapped into the grout gun slot.
- Press the grout gun to discharge the air of the two components until both are discharged at the same time. install a special nozzle after cleaning the remaining materials.
- Cut the nozzle along a 45 angle, the width of the incision should be consistent with the width of the tile joint.

## LOCAL RESTRICTIONS

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

## 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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