

PRODUCT DATA SHEET

SikaCeram[®]-855 HK DB

SikaCeram[®]-855 HK DB is a two-component Epoxy-based grout with high-grade colorful fillers, suitable for grouting and edge sealing with most types of ceramic tiles.

DESCRIPTION

SikaCeram[®]-855 HK DB is a two-component grouting product by new polymer and high-grade colored sand particles. The product has a noble-colored sand texture, with a variety of colors and outstanding textures after solidification. It is suitable for grouting and edge sealing with most types of ceramic tiles, mosaics, stone, glass, and aluminum-plastic panels, etc. In kitchen and bathroom, especially for facilities, sanitary ware, windowsills, and ground waterproof partition.

USES

Polished tiles, glazed tiles, antique tiles, throughbody tiles, microcrystalline stone, jade crystal stone, mosaics and other wall, floor tiles...etc

CHARACTERISTICS / ADVANTAGES

- Matte texture, colored sand with soft lighting technology.
- Light luxury & nobility, outstanding & extraordinary
- High hardness, abrasion resistant and easy to clean.
- Low odor.
- Weathering and aging resistance, longlasting as new.
- Environmentally friendly

APPROVALS / STANDARDS

Q/DGJC 29 TRG I FW "Resin-type Caulking Compound"
 GB/T 1741 "Determination of Mold Resistance of Paint Film"
 GB 18583 "Intrinsic type Limit of harmful substances in adhesives for indoor decoration and furnishing materials"
 GB/T 21866 "Determination of antimicrobial property and antimicrobial effect of antimicrobial coatings"

PRODUCT INFORMATION

Chemical Base	Epoxy resin and curing agent
Packaging	350ML
Colour	8 colors
Shelf Life	12 months
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	≤ 250mm ³ (JC/T 1004)

Compressive Strength	≥ 35 MPa (JC/T 1004)
Tensile Strength in Flexure	≥ 20 MPa (JC/T 1004)
Shrinkage	≤ 1.5mm/m (JC/T 1004)
Water Absorption	≤ 0.1g (JC/T 1004)

APPLICATION INFORMATION

Initial Set Time	≤ 4.0 h (GB/T 13477.5)
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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

REGULATION (EC) NO 1907/2006 - REACH

APPLICATION

- The width of the joint should be no less than 2mm to have good decorative effect.
 - The base 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 HK DB into the special labour-saving 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.
 - Discard the mixed grout about 30cm 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 and inject it into the joints evenly, ensuring that the grouting line is uniform, full, and free from faults. Long pauses of grouting will cause the grout to solidify in nozzle. Please replace the nozzle before continuing application.
 - Press, smooth and straighten the grouting strip with tungsten steel joint blade.
- Clean the spilled grout from tile surface immediately with a damp cloth or sponge. Clean up the remaining grout from tile surface with blade after 8 hours at room temperature. Extending the cleaning time in winter with it is low temperature.
 - According to the on-site status, the local gap modification is carried out.
 - Do not touch and press after application until fully cured to avoid affecting the appearance after adaptation .when the indoor temperature is about 20-30℃ the grout intensity is reached after 24 hours.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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