

SILCACON Lime plaster – natural white

SILCACON Lime plaster has a grain diameter of 0 - 1.2 mm and is applied to the surface of the boards that have been pre-treated with SILCACON and dried. For board joints or as general reinforcement, we recommend incorporating SILCATEX-SE glass mesh fabric. The lime plaster can be applied in one or two work steps. The first coat of plaster should be in the range of approx. 5 - 10 mm. The total thickness of the coats should be a maximum of 15 mm.



SILCACON Smoothing lime – natural white

SILCACON Smoothing lime can be applied either directly upon the primed SILCA® 250KM or SILCAHEAT® 600C boards or as last coat upon the lime plaster in order to smoothen the surface. The maximum thickness of the coat is 1 mm and is limited to a total thickness of 2 mm according to the test certificate issued by authorities. For details on finishing of SILCACON products, please refer to our corresponding processing instructions on the containers.



SILCADUR-HTI impregnation

SILCADUR-HTI is a high-temperature resistant impregnation tailored for application on our calcium silicate products. It serves to strengthen the surface and bind dust. The impregnation is inorganic, odour-neutral and suitable for additional surface treatment of SILCA® 250KM boards in the heating chamber. The impregnation is not suitable as primer for subsequent plastering and bonding in the construction area – SILCACON primer HFS should be applied for this purpose. The processing is very easy, SILCADUR-HTI is ready to use and is applied with a brush or sprayer.



SILCADUR HFS Adhesive

SILCADUR-HFS Adhesive should be used as bonding material for SILCA® 250KM boards. The adhesive is available ready-to-use in buckets or tubular sacs and can be applied directly after stirring or kneading. Further details regarding handling, storage etc., can be taken from our bonding instructions on the corresponding packaging of the boards.



Product details

Classification temperature	950 °C
Package size	Bucket 6.5 kg, Tubular sac 700 g, 900 g
Frost-free storage in closed package	18 months
Handling temperature	10 – 25 °C

The properties mentioned are typical values from series tests, which were determined according to recognised test methods. Material and product-specific variations must be taken into account. The information does not indicate assured properties and cannot be used for a guarantee. We reserve the right to make technical changes.

SILCADUR CSMH Adhesive

SILCADUR-CSMH is a repair adhesive with an inorganic base and a classification temperature of 1,300 °C. It is used for bonding of dense calcium silicates or other mineral construction materials one below the other as well as for repairing cracks, fractures, etc., in fireclay and vermiculite products within the fireplace.

The drying time depends on the thickness of the coat and the environment (temperature, humidity). In general, the drying time should be at least 24 hours and the subsequent heating-up has to be done slowly. In case the adhesive is not completely hardened, steam bubbles may appear while heating-up. SILCADUR-CSMH adhesive is available in resealable cans of 500 ml and in cartridges of 310 ml.

