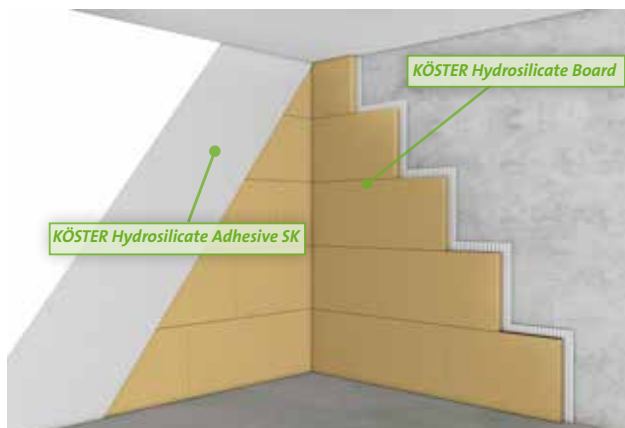


**THE SYSTEM  
AT A GLANCE**

**CONTACT  
DETAILS**

**MOLD  
REMEDICATION**



The KÖSTER Hydrosilicate Board System is a premium yet easy to install total system for renovating mold infested rooms.



KÖSTER Hydrosilicate Boards are delivered in thicknesses of 25 mm and 50 mm, and in the size 580 x 380 mm.



KÖSTER Hydrosilicate Adhesive SK is delivered in 20 kg bags and only has to be mixed with water.



The KÖSTER Hydrosilicate Taperd Board is a specially designed board that prevents thermal bridges between the external and the internal walls or the ceiling. It is delivered in the size 500 x 380 x 60 to 20 mm.



**KÖSTER BAUCHEMIE AG**  
Dieselstraße 1-10, 26607 Aurich  
Phone: +49 4941 9709-0, Fax: +49 4941 9709-40  
info@koster.eu, www.koster.eu



Good insulation properties

Permanently dry surface



# APPLICATION

## KÖSTER HYDROSILICATE BOARDS



1. The KÖSTER Hydrosilicate Boards are cut using a common saw. Alternatively, the boards can be cut with a utility knife drawn along a steel edge.



2. KÖSTER Hydrosilicate Adhesive SK is mixed with approximately 5.2 liters of water using a slowly rotating electrical mixer into a homogenous consistency.



3. The adhesive is then applied to the substrate with a 8 mm notched trowel, fully covering the board area.



4. Next, the KÖSTER Hydrosilicate Boards are pressed onto the wall and leveled. The boards and the butted joints must be completely glued.



5. Afterwards, the whole area is plastered with a layer of KÖSTER Hydrosilicate Adhesive SK in a maximum thickness of 2 mm.



6. In normal room conditions and with good air circulation the surface can be decorated after 24 hours with breathable materials.

### Important features at a glance:

- High alkalinity (pH value 9.5)
- Permanently dry surface
- Hydrophobic material (Water absorption  $2.1 - 2.4 \text{ kg} / \text{m}^2 \cdot \text{h}^{0.5}$ )
- Open to vapor diffusion (porosity  $> 90 \text{ Vol. } \%$ )
- Regulates moisture
- Reduces condensation
- Good insulation properties (approx.  $0.0473 \text{ W/mK}$ ), reduces heating costs
- Creates a pleasant and healthy living environment
- High resistance to aging
- Suitable for all breathable surface coatings
- Faster heating of room
- Purely mineral system, easily recycled and eco-friendly
- Easy installation due to handy size