

# VERANIT H 50

## Polyurethane-based jointing compound for expansion joints in ceramic flooring

## Product Datasheet


### Product description

VERANIT H 50 is a thixotropic polyurethane-based jointing compound for joints with limited movement in ceramic flooring. The elasticity of the compound is suitable for the traffic loads encountered in industrial premises and similar places. VERANIT H50 jointing compound has a high resistance to attack from acids and alkalis. The smooth surface of the joint is easy to keep clean. VERANIT H50 is supplied in two part package component A (paste) and component B (hardener) .

### Applications

VERANIT H50 is intended for joints with small movements in ceramic floors, which are subjected to mechanical-thermal- or chemical influence.

### Joint dimensions

At the construction start the joint should be designed in relation to the expected joint movement. The calculated movement must not exceed the max tolerated % movement based on the joint width. Design the width and the distance between the joints accordingly. Use a round section, closed cell, foam profile in bottom of the joint if the depth allows (dilatation joints). For very wide joints, with high mechanical loads, a polyethylene hose can be used in bottom of joint to support load.

### Surface, preparation

All surfaces must be dry and clean and free from oil, fat, dust and loose particles. For VERANIT H50, priming is recommended to increase adhesion on porous surfaces. The temperatures of the premises shall be +15 - +25 degrees Celsius.

### Grouting and cleaning

VERANIT H50 is applied by a sealant gun or a spatula. Detailed instructions are given separately. Spillage is removed from the tiles before cure. Tools can be cleaned with acetone.

### Safety precautions

Harmful by inhalation and in contact with skin. May cause allergy. Good ventilation at the workplace must be ensured. Protective plastic gloves should be used. Soiled working clothes should be changed. Repeated skin contact with epoxy products can result in hypersensitivity and eczema. Mortar on the skin should be washed off with soap. Strict hygienic precautions should be observed. This product is hazardous if ingested and should be kept out of reach of children.

### Technical Data

Density	1400 g/m <sup>3</sup>
Tack free:	24 hours at +20
Fully cured:	7 days
Hardness:	Appr. 65 shore A
Max joint movement:	Appr. 10% of joint width
Temp resistance	Max +6+ degrees C
Tensile strength:	Appr. 3,5 MPa
Lowest application temp:	+15 degrees Celsius
Highest application temp::	+30 degrees Celsius
Storage and transport:	Shall be stored under dry, not too warm, and frost-free premises in well sealed packages. Storage time 12 months

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