

# Vatral® 200

## Fire Protection Adhesive

### Technical Data

Density:	Approx. 1,60 g/cm <sup>3</sup>		
Colour:	Sand colored		
Fire behaviour:	Not flammable	According to IMO FTPC Part 1	EC- Type Examination Certificate (Module B) Certificate No.: 118.260 Module D Certificate -No. SEE 15043
	A1	According to DIN EN 13501-1:2010	Classification Report: KB-Hoch-141113-2
Determination of adhesive strength:	0,4 N/m <sup>2</sup>	According to DINE EN 1015-12:2016	
Fracture pattern:	A		
Viscosity:	Viscous		
pH-value:	Approx. 11 at 23°C		

#### Product Description

Vatral® 200 fire protection adhesive is a non-flammable, inorganic, single component adhesive on alkali silicate basis with excellent permanent adhesion, high strength and hydrophobic equipment. The adhesive is usable for temperatures up to 1250°C also at repeated cooling's.

#### Area of application

Vatral® 200 fire protection adhesive can be used for fire-proof glueing of steel pins, anchor and mineral insulants. The adhesive can be used to the cladding by mineral insulants.

#### Processing Directions

The adhesive is ready for use. Stir the adhesive before processing it (attention to sediment!). The processing can be carried out both with customary spatulas or in the squeegee method or waltzing method. Sufficient contact with the surroundings air has to be ensured to the tempering of the adhesive. The areas to be treated have to be clean, dry, dust-free, and grease free. During processing the room temperature must not be lower than 10°C. We recommend a pre-touch with Vatral® L 200B/30 by sandy and extremely absorbent surfaces. After use the tools have to be cleaned with water immediately.

#### Application Amount

The application amount depends on the surface texture.

#### Drying Times

Vatral® 200 fire protection adhesive hardens both pure physically by water removal and by reaction with air carbonic acid. At room temperature the hardening takes approx. 4 hours and the complete hardening approx. 24 hours. Restrictions in the contact with the surroundings air prolog the end hardness time (CO<sub>2</sub> tempering).

#### Storage and Transport

Vatral® 200 fire protection adhesive should be stored frost-free and shall be protected from heat and direct solar radiation. Seal opened containers properly. Unopened container can be stored for about 24 months with appropriate storage. Not to be stored in aluminium or galvanized containers. The storage and transport temperature must not be lower than 10°C.

#### Delivery Form

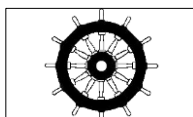
Ready for use in plastic containers:  
**100 ml; 600 ml; 5,0 kg; 15,0 kg**

#### Additional Notes

Weak irritancy at touch with the eyes and the skin. In case of contact with eyes or skin wash immediately with plenty of water. Please wear suitable protective gloves and safety goggles. The specifications on the safety data sheet have to be observed.



Ref.-Nr.: 13008



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