



TECHNICAL DATA SHEET

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Idrorepellent H68

1/1

Application

Idrorepellent H68 is a polydimethylhydrogensiloxane with following properties: • Water

repellent treatment of plaster used to produce tiles and boards.

• Water repellent treatment of dry-sprayed substances (e.g.: extinguisher powders, various fillers).

Typical Data

Parameter	Unit	Value
Appearance		clear liquid
Active ingredients	%	100
Specific gravity at 25°C		1.0
Viscosity at 25°C	cst	20
Flash point (closed cup)	°C	110
Diluents	aliphatic, aromatic and chlorinated hydrocarbons, esters, ketones	

How to use**1. Water repellent treatment of plaster**

Idrorepellent H68 is added to the water to be mixed with the plaster preparation. Good water repellent properties are obtained by adding 0.2 to 0.5% Idrorepellent H68 relative to the plaster powder. The quantity of water repellent varies according to the grade of plaster and the plaster-water mixing ratio. Adding Idrorepellent H68 to the plaster enables water absorption to be limited to values less than those set in current European standards.

2. Treating fillers

In this case Idrorepellent H68 is used on its own, or for example with 3% of glycol tetraoctylene titanate. Polymerisation takes place at room temperature. It may be accelerated by heating for a few minutes at 150°C.

Comments: Do not bring near potash or caustic soda or any other alkaline compound. There is a risk of a violent release of highly inflammable products.

Similarly, do not use in the presence of alcohols (or solvents containing a significant proportion of them) or other components containing reactive hydrogen atoms (SH, OH...) since hydrogen release may again occur.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Reference nr	Edit nr	Approvation nr	TDS	Edition nr
10160- 23.05.2008	PM50	TL50	24.02.2010	1