

TEGO® Phobe 6000

masonry water repellent for the formulation of solventborne impregnations and primers for mineral substrates

Area of application

	0	1	2	3	4	5
Fresh concrete	■					
Concrete	■	■	■			
Red brick	■	■	■	■	■	■
Natural stone	■	■	■	■	■	■
Stucco	■					

0 = unsuitable...5 = highly suitable

Special features

- excellent resistance to driving rain
- prevents salt blooming and efflorescence
- good penetration properties
- good coating adhesion

Recommended addition level

- solventborne impregnations and primers for slightly alkaline and neutral substrates

Solubility

mixing ratio parts by weight	1 : 100	1 : 4
water	-	-
n-butanol	+	+
acetone	+	+
methylethylketone	+	+
butyl acetate	+	+
methoxypropylacetate	+	+
xylene	+	+
mineral spirit	+	+

+ = clear, soluble, o = opalescent, - = cloudy, insoluble

Processing instructions

- Flood-coating, spray, roller and brush-application is possible.
- The substrate must be dry, free from dust and clean.
- Please check the penetration properties of the substrate before application.

Dilution

- Addition of aliphatic and aromatic hydrocarbon solvents, as well as isoparaffins. The solvent should have a boiling range from 130 °C - 200 °C and an evaporation point of > 90°C. Water-free alcohols are also suitable for thinning.
- For impregnation a dilution of 5 - 25 % on solid content is necessary, depending on the absorbency.
- For producing solventborne primers, a combination with methacrylics is recommended (e. g. Plexisol P550/Degussa or Pliolite VTAC/Eliokem). The preferred ratio of binder/solvent /TEGO® Phobe is 13/82/5.

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Chemical description

low molecular weight modified polysiloxane resin

Technical information

- appearance clear liquid
- active matter content 100 %

Suitability for food contact

The ingredients of TEGO® Phobe 6000 are listed on the B lists of the Swiss Ordinance 817.023.21, Annex 6 respectively Annex 1 (list I and list II).

Registration status

TEGO® Phobe 6000 respectively its ingredients are listed in the following chemical inventories: AICS, DSL, ECL, EINECS, ENCS, IECSC, PICCS, TSCA.

All intentional ingredients are listed on the DSL (Domestic Substance List) inventory or have been notified pursuant to the NSN (New Substances Notification) regulations.

All intentional ingredients are listed on the TSCA inventory or comply with the TSCA Polymer Exemption criteria according 40 CFR 723.

Packaging

- steel can 50 kg
- steel drum with bung 200 kg

Storage stability

12 months in unopened containers.