



GrafoTherm[®]

Standard

TECHNICAL INFORMATION 2006.11.10
CONDENSATION PROTECTION

Product description

Reinforced, water based compound with good absorbing and desorbing properties. The coating is strong, elastic and complies with the requirements of EN13501-1, class A2-s1d0; NT Fire 004, class 1 (Scandinavia); M1 (France) and ASTM E84 (USA)

Special properties

Condensation preventing and heat insulating.
Resistant against fire and spreading of flames.
Diffusion enhancing.
Movement absorbing.
Vibration and acoustical damping.

Range of applications

Condensation protecting coating to be applied on all insulated and uninsulated surfaces.
It works as heat insulation in ceilings and on walls of steel and aluminium.

Pretreatment

GrafoTherm has good adhesion to most surfaces. Rusty surfaces will discolour the coating. Use a suitable anti-corrosive primer on steel sheets.
Aluminium sheets must be cleaned from release agents.

Ask for treatment program

Technical information

Density	1,0 g/cm ³
Solids content by weight	36%
Solids content by volume	95%
Effective consumption	1.0 kg/m ² wet compound
Coat thickness, dry	1.0 mm at 1 kg wet compound/m ²
Drying time 20°C 65% RH	Dried through after 8-12 hours
Surface structure	Light textured
Thinner	Water
Standard colour	Grey
Fire classification	EN13501-1, class A2-s1d0; NT Fire 004, class 1 (Scandinavia); M1 (France) and ASTM E84 (USA)
Thermal conductivity	0.085 W/m.K.(0.0735 kcal/m.h.C)
Working temperature	Not lower than +5°C (surface temp.)
Damping factor	0.106 (1.5 mm coat) 0.225 (3.0 mm coat)

Frost free storing required. Avoid strong sunlight.

KEFA International Handels GmbH

Tel.: (+ 49) 45 26 - 17 06
Fax: (+ 49) 45 26 - 5 27
KEFA.International@t-online.de
www.kefa-international.com

Geschäftsführer:
J.-E. Rollen, P. Andersson
HRB 1696, Amtsgericht Plön
Sitz der Gesellschaft: Ascheberg

Bankverbindung
Förde Sparkasse
BLZ 210 501 70
Kto.-Nr. 100 11 48

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