



MAXURETHANE[®]

FOAM

TWO-COMPONENT POLYURETHANE RESIN SYSTEM FOR SOIL INJECTION AND CONSOLIDATION

DESCRIPTION

MAXURETHANE[®] FOAM is a two component, CFC free product. A component is a polyisocyanate MDI type and B component is a pre-formulated polyol.

When injected with the proper equipment at 1:1 mixing ratio, their reaction will provide a foam as a result which fills cavities and hollows in the ground.

USES

- Filling of any spaces or hollows behind below grade structures (tunnels, metros, underground car parks)
- Injection of anchoring
- Injection of joints in channels, water main, etc

APPLICATION

The injection will be performed by means of a two component type pump with a volumetric ratio of 1:1 installing a static mixer in its end. The injection will be performed directly on the ground or the joint to be sealed.

ADVANTAGES

- Low viscosity ensures good and deep penetration.
- High fluidity.
- CFC free.

PACKAGING

25 litre and 5 litre drums.

TECHNICAL DATA

Physical characteristics

	Component A	Component B
Mixing ratio	1	1
KOH/mg number	-	333
NCO% contents	31	-
Colour	Brown	Yellow
Specific weight Gr./ml. (20°C) DIN 51757	1,23	1,07
Viscosity 20/25°C cst	210	1700
Storage temperature °C	20/35	10/20
Shelf life (months)	6	3

Foam

Induction time (sec)	23-35
End of reaction (sec)	60-85
Tack-free time (sec)	70-90
Density in free foaming kg/m3 condition (UNE 53144)	100-110
Compressive strength (kg/cm3) DIN 53421	Approx. 15
Expansion rate (times)	7

GUARANTEE

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