RUBBERFUSE DIVISION

IMPER ITALIA

MEMBER OF TECHNONICOL CORPORATION

MICROFOIL

Description

Low density polyethylene LDPE, micro-perforated film.

Fields of application

Separation and anti-imbibition layer in the construction of hot roof, cold roof and reverse roof covering stratigraphies, to be placed above all insulation before casting the cement screeds.

Packing and packaging

Sheet dimensions
3.00 x 100.00 m

Nominal thickness
0.10 mm

Reel length
100 m

Reel width
1.50 m (sheet folded in half)

Reel weight
30 kg (indicative)

Storage

Store horizontally, in a dry place and protected from the elements and direct sunlight.

Safety instructions

MICROFOIL is not considered hazardous in accordance with current laws on the classification of materials and substances. Drafting of the safety data sheet is therefore not mandatory for the purchase, transport and installation of the product.

Features

MICROFOIL has excellent mechanical and workability properties.
- High permeability to steam.
- Allows testing roofs with heavy protection fixed by Electric Field and Tracer gas systems.
- Excellent workability and flexibility.
- Ideal mechanical resistance.
- Excellent resistance to ageing.

TECHNICAL FEATURES				
Features	**EN Standards**	**U.M.**	**Tolerance**	**Values**
Density	1849-2	kg/m^2	(-10/+10%)	0,10
Nominal average thickness	1849-2	mm	(-15/+15%)	0,10
Colour				Transparent
Resistance to steam diffusion	1931	μ		≤10000
Resistance to steam diffusion	Sd value	m		(μ x d) 10000 x 0.0001 = 1
Elongation at breaking point	ISO 527-3	%		≥250
Tensile strength	ISO 527-3	MPa		≥17

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