FILM FOR SCREED DAKOTA BLUE

INDEX

1. CODE REGISTRY

Code	Description	Dimensions (m)	Weight	Colour	Pkg. / Pallet
RET03-9400	Dakota Blue	2,0 x 113,0	26,00 kg/roll.	blue	226 m² / 9 rolls.
RET03-9401	Dakota Blue	4,0 x 56,50	25,76 kg/roll.	blue	226 m² / 9 rolls.
RET03-9402	Dakota Blue	6,0 x 37,65	26,22 kg/roll.	blue	226 m² / 9 rolls.
RET03-9403	Dakota Blue	8,0 x 28,25	25,76 kg/roll.	blue	226 m² / 9 rolls.

MATERIAL Made of polyurethane mixture.

Characteristic	Unity	Data
Thickness	mm	0,12
U.V. ray resistance	months	12
Breaken Load	MPa	18

2. DESCRIPTION

It acts as a vapour barrier preventing condensation inside buildings and as a temporary roofing sheet.
Thanks to a thickness of 0.12 mm, which is less than the 0.20 mm of other films on the market, it allows a surface area 80% greater than that of ordinary sheets with a clear saving.
Low thickness means less use of raw material and consequently a reduced environmental impact in raw material use and post-consumer disposal.

3. USE

On construction sites, it is used for covering doors and windows, protecting floors, materials and work equipment.
In logistics it is used for storing and transporting goods, while in the sports sector it is used for covering playing fields.
The protection of floors and furniture during painting and renovation work in the home.
In the creation of coverings for greenhouses and tunnels in vegetable gardens thanks to the food quality of its composition.
Especially recommended in cases where

- an epoxy resin coating is to be applied to the concrete floor
- the floor is subject to frequent washings (or in the case of outdoor forecourts), as a result of which water can seep into the joints and reach the ballast layers, causing the fine parts to be washed away and the formation of cavities between the slab and the ballast, which can lead to floor subsidence
- the floor is made of pre-finished wood and must be insulated from rising damp from the underlying concrete or pre-existing floor.
- The floor is to be laid in geographical areas where the presence of aggregates potentially reactive with the alkalis of cement is detected.

INDOOR

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Physical and mechanical properties		Units of Measurement	Value	Test method
Flow index		g/10min	0,5	ISO 1133 (190°C: 21,1 N)
Density		g/cm³	0,923	ISO 1872/1
VICAT temperature (VST)		°C	96	ISO 306
Hardness		Sh'D'	48	ISO 868
Transverse tensile strength		Mpa	20	EN ISO 527-3
Elongation at transverse break		%	700	EN ISO 527-3
Longitudinal tensile strength		Mpa	21	EN ISO 527-3
Longitudinal breaking strength		%	700	EN ISO 527-3
Vapour transmission rate (WVT)		g(m²*24h)	2,904	ASTM E 398-3
Vapour diffusion resistance		μ	280.000	UNI EN 1931
Water impermeability		ml	0 (no penetration)	UNI EN 1928
Resistance to vapour in the presence of chemicals		-	Passa	UNI EN 1296
		-	Passa	UNI EN 1931
Ø	Width 2	cm	20	
	Width 4	cm	21	
	Width 6	cm	16	
	Width 8	cm	18	
L min	Width 2	cm	102	
	Width 4	cm	102	
	Width 6	cm	162	
	Width 8	cm	212	
Folding		Double bellows		
Weight		kg	25	
Process auxiliaries		Addittivated Anti-UV		
Norms/Certifications/Conformity of		EN13984	CPR (UE) N. 305/2011	CE

4. TECHNICAL SPECIFICATION

Specification	Description	Unity	Price
Dak.B.RET03.940x	Supply and installation of thin blue polymer film used vapour barrier to prevent condensation inside buildings. It has a reduced thickness and weight. Made of polyurethane mixture. Highly recommended in case of: · use of epoxy resin on a screed; · floors subjected to frequent washings or external areas where the rain water could leaked out; · under an external decking.		
Dak.B.RET03.9400	Dimensions 2,0 x 113,00 m	pc.	-
Dak.B.RET03.9401	Dimensions 4,0 x 56,50 m	pc.	-
Dak.B.RET03.9402	Dimensions 6,0 x 37,65 m	pc.	-
Dak.B.RET03.9403	Dimensions 8,0 x 28,25 m	pc.	-