Quality Needs Quality

Kemfelt PP

Flexible Reinforcing Matting

Description	**Kemfelt PP** is a polypropylene continuous filament needle-punched non-woven geotextile.
Where to use	• For roof construction, it offers elasticity, vapor permeability, resistance to failure from sun light and resistance to foot traffic • For building foundation, it separates the subsoil from the drainage fill • For road construction, Kemfelt PP prevents penetration of granular materials into the subsoil. • For slope protection, it prevents the washing out of fins and secure slope stability
Advantages	• Excellent tensile strength and elongation • Excellent puncture resistance • Good permeability • Excellent UV resistance • Fast and easy placement
Properties	
Weight	28 – 60 - 100 - 200 g/m^2
Thickness under pressure 2 KN/m^2	1 - 1.2 mm
Puncture resistance	980 – 2100 N
Tensile strength	733 – 485 N
Elongation %	68 – 92 %
Water permeability	1.5 - 1.6 L/m^2.sec
Surface Preparation	The substrate must be sound and dry so firstly remove all dirt, debris and others and ensure that surface is free from condensation.
Application	• Repair all surface cracks, blisters and the formation of expansion joints • Treatment of detail works as around pipes, parapets and up stands using Flexible reinforcement • Apply a priming coat suitable for application according to the type of substrate (Cement, insulation or metals) • After priming, the **Kemfelt PP** is applied straight off the roll into a light coat of wet membrane • As one operative unroll the **Kemfelt PP** another embeds with a roller • As soon as the embodiment coat sets or partially dry the saturation coat is applied, care should be taken that the fabric is completely obliterated • A final coat of membrane completes the treatment it is ideally applied by airless spray
Precautions	• **Kemfelt PP** is easy to join by overlapping at least 10 cm • **Kemfelt PP** can be cut with a knife • When **Kemfelt PP** is used in building foundation or slope protection, direct driving on the **Kemfelt PP** layer during application of the fill should be avoided
Packaging (Width) Length	2.5 & 4 m 50 & 80 m

Shelf life & Storage	**Kemfelt PP** to be maintained in dry storage conditions
Health and Safety	• Use goggles, gloves and breathing mask when applying • Eye splashes to be washed with plenty of water • If ingested seek medical advice
Additional Information	**PROKEM** provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure **PROKEM** designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction **PROKEM** reserves the right to change the properties of its products All orders are accepted subject to our current term of sale & delivery Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request **PROKEM** extends technical services to include after-sales support to assist users in the proper handling of our products