

PRODUCT INFORMATION

REGINA “LN” SURFACE TISSUE

Characteristics

The tissue is made from five or six layers of continuous fibres, 12 micron dia., of a low – melt, corrosion resistant glass, C –glass (ASTM C162-93) randomly dispersed across the sheet.

The corrosion resistance is Acid Class 1, (DIN12116), Alkali Class 2 (DIN52322) and Hydrolytic Class 3 (DIN12111). The binder, a styrene acrylate copolymer, is compatible with all types of vinyl-ester, polyester and epoxy resins.

Application

Regina P200LN to P800LN surface tissue has been designed for use for the surface protection for Glass Reinforced Plastics (GRP) products, but more specifically for the exacting standards of translucent roof sheeting. The tissue is intended for manufacturers of polyester glass reinforced laminated sheets, the material has been successfully used in translucent sheeting in Australia. Any intermediate thickness can be produced between 250 micron and 900 micron.

The LN surface tissue has a wet out time of approximately 4 seconds when used in the translucent sheeting industry. The tissue meets the requirements of Australian Standard AS4237 Parts 4, 5 & 9 “Testing of plastic building sheets”

Technical Data

CODE:		P200LN	P250LN	P300LN	P350LN	P500LN	P800LN
Mass (gsm)		18-20 gsm	22-25 gsm	25-27gsm	28-31gsm	38-42 gsm	64-68 gsm
Nominal Thickness		200 micron (0.20mm)	250 micron (0.25mm)	300 micron (0.30mm)	350 micron (0.35mm)	500 micron (0.50mm)	800 micron (0.80mm)
Resin absorption (theoretical)		180g/m2	210g/m2	250g/m2	300g/m2	420g/m2	650g/m2
Glass Type	C-Glass (Chemically resistant)						
Solubility in Styrene	Soluble						
Binder Type	Polystyrene						
Binder Content	7%-9% by mass						
Wet Out (Company Test)	1-2 sec in unsaturated polyester						
Standard Widths	1000mm						

These specifications are subject to change without notice, and are sold subject to our standard condition of sale. Products can be made to order, at different mass, thickness and width to the above, and with roll lengths to suit your needs.

