AUSTRALIAN PANEL PRODUCTS PTY. LTD.
ACN. 073 651 706

Technical Data Sheet
Hard Ramp Surface

Overview.

Hard Ramp surface panels manufactured at Australian Panel Products are based on a kraft paper carrier. This paper is impregnated with a modified phenolic resin and laminated to provide a homogeneous board.

Technical aspects.

All panels are based on heat and pressure activated phenolic resins, which have been specially modified to suite the end application. This purpose designed board performs exceptionally well when installed as a skate ramp surface and is non corrosive to metal fixings.

Production specifications.

Ramp panels are produced in the required sheet length up to a maximum of 2850mm, standard width sheets are 1200 & 1245mm. Widths up to 1370mm can be produced for special applications.

Storage.

When unsecured, panels should be stored on a flat horizontal surface to ensure flatness.
Ramp panels are designed to be weather resistant and should provide many years of maintenance free service once installed correctly.

OH&S Issues.

When Phenolic panels are machined the dust generated can cause an allergic reaction in some people. This can be avoided with the use of dust masks and barrier creams.

Working areas must be adequately ventilated when machining the board.

Please refer to Hard Ramp Surface MSDS.

TECHNICAL

CHARACTERISTIC	TEST METHOD	VALUE/RESULT
Stiffness	Three point bend test	Typical Plate Stiffness "D" characteristic:- 5mm thick = 130.3 x 10^3Nmm^2/mm width. 10mm thick = 865.2 x 10^3Nmm^2/mm width.
Wear resistance	Taber H 174, 1 H18 calibrade.	50% Surface pattern removed = 100 cycles. Pattern and colour removed = 675 cycles.
Impact Resistance	CSIRO Ice Canon Test	38mm Dia ice ball @ 47m/sec Generally indents less than 1mm
Specific Gravity	Aust. Panel Test Method	1300-1350 kg/m3
Moisture Resistance	AS 1795.1 - 1983	< 1%
Steam Resistance	AS 2098.2 - 1977	10 hours Steam @ 200kPa No Delamination
Squareness	Tape measure	+/- 1mm
Dimensions	Tape measure	+/- 1mm