



DESCRIPTION

Thermopal® Rustica is an E1 rated, 18mm, triple-layered, moisture resistant melamine faced chipboard (MFC) which is pre-finished to a hardwearing decorative surface ready for use.

Thermopal® Rustica reflects current trends toward characteristic textured structures, and is particularly impressive with its linea effect which gives a close likeness to sanded textured veneers. With its unique tactile surface, Thermopal® Rustica offers an economical alternate to natural timber veneers, providing the user with a durable, UV resistant and maintenance free surface. Equal in both colour and surface structure, Thermopal® Rustica MFC & Thermopal® HPL allows an indistinguishable match when combining both products together. All Thermopal® Rustica decors are matched with a 1mm high impact Durotrim edge.

APPLICATIONS

Thermopal® Rustica 18mm MFC is suitable for all domestic or commercial interior joinery and is widely used for applications to partitions, store fixtures, decorative paneling, door and drawer fronts, carcasses, shelving and other applications which require an aesthetic and durable moisture resistant pre-finished board

PRODUCT CHARACTERISTICS

Nominal Thickness	18.0mm - permissible deviation +0.5 / -0.3mm
Edge straightness tolerance	1.5 mm/m
Rectangularity tolerance - cross & length	±2.0 mm/m
Density	600-700/m ³
Moisture content	5.13%
Standard Sheet Size	2750mm x 2020mm - permissible deviation +/- 0.5mm
Surface Finishes & Colour Range	Refer to the Rustica section of the current Availability Chart and/or Decorative Surfaces Sample Folder.

TECHNICAL DATA

Note: Thermopal® Rustica has been tested and conforms to EN 14323 & EN 312 results published below refer to this standard unless otherwise stated.

Test	Result
Bending strength	≥ 16 N/mm ² - EN310
Perpendicular tensile Strength	≥ 0.45N/mm ² – EN319

TEKFORM GROUP OFFICES

SE QLD & NTH NSW
17 Telford Place
Labrador QLD 4215
Ph: 07 5529 3003
Fax: 07 5529 3050

CENTRAL QUEENSLAND
Unit 1/92 Hollingsworth St
Nth Rockhampton QLD 4701
Ph: 07 4922 8220
Fax: 07 4922 5953

NEW SOUTH WALES & ACT
Unit 1 41-43 Whyalla Place
Prestons NSW 2170
Ph: 02 9826 0007
Fax: 02 9826 0074

SOUTH WEST NSW
2/20 Mint St
Wodonga VIC 3690
Ph: 02 6056 3188
Fax: 02 6056 3190

TASMANIA
88 Hopkins Street
Moonah, TAS, 7009
Ph: 03 6273 1199
Fax: 03 6273 0050

TECHNICAL DATA - continued

Bending coefficient of elasticity	≥ 2400 N/mm ² - EN310
Screw retention	≥ 700 N – EN317
Swelling (24hrs)	≤10%
Abrasion behaviour	50 - 200 cycles (woodgrains & patterns) 350 - 650 cycles (plain colours)
Scratch resistance	3 N
Resistance to staining Group 1 & 2	Appearance not affected
Resistance to steam	Possible change in gloss
Colour fastness	≥ 4 (Grey scale) except metallic designs
Cone Calorimeter - AS/NZS 3837	B3 Group number 40.7 m ² /kg Average specific extinction area

ENVIRONMENTAL DATA

Quality Management System	ISO 9001 (LGA – InterCert)
Environmental Management System	ISO 14001 (LGA – InterCert) Der Blaue Engel RAL (Blue Angel)
Chain of custody wood resource management	FCS (LGA – InterCert) PEFC (LGA – InterCert)
Formaldehyde emissions class	E1 (Qualtaetsgemeinschaft Holzwerkstoffe)
VOC certification	Certificate of conformity (ISEGA) PCP (Qualtaetsgemeinschaft Holzwerkstoffe)
Polycyclic Aromatic Hydrocarbons	PAH (LGA - TUV Rheinland)

CLEANING RECOMMENDATIONS

Thermopal® Rustica MFC decorative panels are normally robust and do not require any special maintenance.

Light stains or dirt	Use a soft moist cloth or a soft sponge. When using water for cleaning, ensure you wipe off the surface afterwards with an absorbent paper towel.
Normal stains or dirt	Use a soap solution or a household cleaning agent such as (e. g. Nifty or Spray & Wipe). However, use of abrasive cleaners should be avoided. Cleaning agents should be removed completely after a short time, in order to avoid streaking.
Heavy stains or dirt	Use a non abrasive household cleaning agent such as Nifty or similar.