

IDRO REP

water resistant chipboard P3_REP

\ TECHNICAL SHEET

It is produced with melamine resins.

The water resistant particleboard (Technical Class P3) is used mainly for the production of furniture destined to humid environments as kitchen tops, under sinks, bathrooms.

The board REP is a certified product compliant to F4 STARS - CARB P2 US EPA TSCA Title VI formaldehyde classes.

Dimensions \ WIDTH 186 - 207- 220 cm \ THICKNESS from 15 to 25 mm
For any special size request please contact our sales office.

Certified FSC Recycled Product.

Formaldehyde Emissions					
CLASS	NORM	METHOD	LIMIT VALUE	COMPARED TEST	LIMIT VALUE
F4 STARS	JIS A1460	DESSICATOR	≤ 0,3 mg/l		
CARB P2	ATCM	ASTM E1333 D 6007	< 0,09 ppm	EN ISO 12460-5	< 2,9 mg HCHO/100 gr secco

Mechanics characteristics of IDRO_REP Raw Chipboard						
TECHNICAL CHARACTERISTICS	METHODOLOGICAL RULES	PERFORMANCE RULES	MEASURE UNITS	8-13 mm	> 13-20 mm	> 20-25 mm
Density	EN 323		Kg/m ³	730 ± 5%	690 ± 5%	670 ± 5%
Tensile strength perpendicular to the face	EN 319	EN 312	N/mm ²	0,45	0,45	0,4
Surface soundness	EN 311	EN 312	N/mm ²	0,8	0,8	0,8
Bending strength	EN 310	EN 312	N/mm ²	15	14	12
Modulus of elasticity in bending	EN 310	EN 312	N/mm ²	2050	1950	1850
Axial withdrawal of screws from the face	EN 320		N		700 ± 10%	700 ± 10%
Axial withdrawal of screws from the edge	EN 320		N		400 ± 10%	400 ± 10%
Swelling in thickness after 24 hours	EN 317	EN 312	% max	14	14	13

General Requirements for IDRO_REP Raw Chipboard				
TECHNICAL CHARACTERISTICS	METHODOLOGICAL RULES	PERFORMANCE RULES	MEASURE UNITS	TOLLERANCES
Smoothed thickness	EN 324/1	EN 312	mm	± 0,3
Dimension tolerance	EN 324/1	EN 312	mm	± 5
Squaring up tolerance	EN 324/2	EN 312	mm	1,5 mm x meter
Moisture content	EN 322	EN 312	%	9 ± 4
Heat of combustion			Kcal/Kg	4000 - 4200
Reaction to the fire	UNI 9176	UNI 8457 UNI 9174		Classe 3

The values shown in the schedule are by tests of internal laboratory.

Certified Management System

