



**KUIPER**  
HOLLAND

# PRODUCT DATA SHEET



## KUIPER BASIC MDF V313

**DIMENSION: 244X122 CM / 305X122 CM**

**WEIGHT: 600 KG/M<sup>3</sup>**

**THICKNESS: 6-9-12-15-16-18-22-25  
30-38 MM**

**MOISTURE RESISTANT MDF**

### Scope

Moisture resistant board for general use in humid conditions.

### Description

Low-density MDF with hard, fine sanded surface and particularly screwable core, MUF glued. The board undergoes minimal expansion and swelling under high humidity conditions and is suitable for general, non-load-bearing applications in humid conditions. Umidax® Light can be refined with paper, melamine, veneer, laminate or lacquer. The board is made of 100 % softwood and has no coarse fibres in the surface. The board is very easy to mill and has low formaldehyde emission (A class).

### Technical specifications

Technical characteristic + standard	Unit	Average values						
Thickness EN 324-1	mm	12,0	15,0	16,0	18,0	19,0	22,0	38,0
Density EN 323	Kg/m <sup>3</sup>	640	610	610	610	610	610	610
Bending strength EN 310	N/mm <sup>2</sup>	30	30	30	30	30	30	30
Modulus of elasticity EN 310	N/mm <sup>2</sup>	3000	3000	3000	3300	3300	3300	3300
Tensile strength EN 319	N/mm <sup>2</sup>	0,60	0,55	0,55	0,55	0,55	0,55	0,55
Swelling/24u EN 317	%	8,0	7,0	7,0	5,0	5,0	4,0	4,0
Tensile strength V313 EN 321	N/mm <sup>2</sup>	0,35	0,25	0,25	0,25	0,25	0,15	0,15
Swelling V313 EN 321	%	10,0	9,0	9,0	7,0	7,0	10,0	10,0

UMIDAX® Light meets the specifications of EN 622-5, option 1, cyclic test, in which the board is immersed in water, frozen and finally dried. This cycle is repeated 3 times, after which the test specimens are tested for swelling and internal bond strength. The board is CE marked and checked daily by the in-house lab.

