



KUIPER
HOLLAND

PRODUCT DATA SHEET



KUIPER BASIC MDF BLACK

DIMENSION: 244X122 CM / 305X122 CM
WEIGHT: 730 KG/M³
THICKNESS: 9-18 MM
BLACK COLOURED MDF

Scope

Moisture resistant high density MDF, colored black in the mass, for use in humid conditions, also suitable for structural applications with instantaneous or short-term load duration.

Description

High-density MDF with hard, fine sanded surface and particularly screwable core, MUF glued. The board is subject to minimal expansion and swelling in conditions of high humidity. Suitable for load-bearing applications in humid conditions, MDF Umidax[®] Noir can be refined with paper, melamine, veneer, laminate or lacquer. MDF Umidax[®] Noir 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 (E1 class).

Technical specifications

General characteristics + standard	Unit	Average values
Thickness EN 324-1	mm	18
Density EN 323	Kg/m ³	730
Moisture content EN 322	%	6-10
Technical characteristics + standard		5/95 Percentile values
Swelling/24h EN 317	%	8
Internal bond EN 319	N/mm ²	0,75
Bending strength EN 310	N/mm ²	30
Modulus of elasticity EN 310	N/mm ²	2700
Swelling after cyclic test EN 321 option 1	%	15
Internal bond after cyclic test EN 321 option 1	N/mm ²	0,2

MDF UMIDAX[®] Noir 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.