

# Black and Grey MDF



Ventech's Blackcore and Greycore MDF offer a medium density fibreboard bonded with synthetic resins and dyes manufactured under high heat and pressures to produce colours in panels that are highlighted by transparent waxes or polishes.

A deep black or subtle grey compliments today's design aspects and offers a competitively priced alternative to high gloss paints.

Blackcore MDF is available as 3mm, 10mm, 16mm and 18mm thick panels and is highly suitable for veneering prior to perforating or slotting. Ventech are able to offer a full range of acoustic treatment for all of our veneer panels if required.

Ventech's blackcore Cinder offers group 1 rated veneered panels with 6 colour options and is used extensively for acoustic ceilings in projects requiring group 1 or group 2 fire certificates.

## Applications

- Feature Walls
- Splash Backs
- Toilet Cubicles
- Bar Fronts
- Furniture

## Available Thicknesses

**Grey** - 18mm  
(Standard sheet size:  
2,850 x 2,100mm)

**Black** - 3, 10, 16, 18mm  
(Standard sheet size:  
2,550 x 1,250mm)

# Technical Data

## Black and Grey MDF

TECHNICAL DATA-AVERAGE VALUES						
TEST METHOD	PROPERTIES	UNITS	THICKNESS mm			
			>3-6	>6-9	>9-12	>12-19
EN 323	DENSITY (*)	kg/m <sup>3</sup>	800	790/750	750/740	740/710
EN 319	INTERNAL BOND	N/mm <sup>2</sup>	0,85	0,65	0,65	0,60
EN 310	BENDING STRENGTH	N/mm <sup>2</sup>	38	30	30	30
EN 310	MODULUS OF ELASTICITY	N/mm <sup>2</sup>	2700	2700	2500	2500
EN 317	THICKNESS SWELLING 24 H	%	28	17	15	12
EN 318	DIMENSIONAL MOVEMENT LENGTH/WIDTH	%	0,4	0,4	0,4	0,4
EN 318	DIMENSIONAL MOVEMENT THICKNESS	%	10	6	6	6
EN 311	SURFACE SOUNDNESS	N/mm <sup>2</sup>	1,2	1,2	1,2	1,2
EN 382-1	SURFACE ABSORPTION (TWO FACES)	mm	>150	>150	>150	>150
EN 322	MOISTURE CONTENT	%	7 +/- 3	7 +/- 3	7 +/- 3	7 +/- 3
ISO 3340	GRIT CONTENT	% Weight	0,05	0,05	0,05	0,05
EN 120	FORMALDEHYDE CONTENT CLASS E1	mg/100 g	<8 <b>E1</b>	<8 <b>E1</b>	<8 <b>E1</b>	<8 <b>E1</b>

TOLERANCE ON NOMINAL DIMENSIONS						
TEST METHOD	PROPERTIES	UNITS	THICKNESS mm			
			>3-6	>6-9	>9-12	>12-19
EN 324-1	THICKNESS	mm	+/- 0,15	+/- 0,20	+/- 0,20	+/- 0,20
EN-324-1	LENGTH/WIDTH	mm	+/-2 mm/m, máx 5mm	+/-2 mm/m, máx 5mm	+/-2 mm/m, máx 5mm	+/-2 mm/m, máx 5mm
EN 324-2	SQUARENESS	mm/m	+/- 2,0	+/- 2,0	+/- 2,0	+/- 2,0
EN-324-2	EDGE STRAIGHTNESS	mm/m	+/- 1,5	+/- 1,5	+/- 1,5	+/- 1,5

