

## Description

V-urban® is a Cement Bonded Particle Board

V-urban® is a composite material, manufactured using a compressed and dry mixture of pine wood particles and cement, with a final finish of varnish or paint.

Its appearance is not homogeneous. V-urban has a natural look which has colour variations in the finish.

Note: Painting colours under consultation.

Applications: Ventilated Facades

Certifications: V-urban® panel holds CE marking and QB (Certifié CSTB Certified).



## Colours | Thicknesses unsanded (mm)

Colours and Thicknesses (mm)	12	16	Dim. (mm)
Black NG	●	●	3000 x 1200 2600 x 1200
Grey CZ	●	●	
White BR	●	●	3000 x 600 2600 x 600
Ocher AC	●	●	
Yellow AB	●	●	
Red VM	●	●	

## Advantages



Non Toxic



Sound Insulation



Thermal Insulation



Insect Resistant



Easy Installation



Fire Retardant



Moisture Resistant



Weight Resistant



Impact Resistant

## Properties

Feature	Unit	Value	Standard
Density	Kg/m <sup>3</sup>	1350 ± 50	EN 323
Swelling (24 hours)	%	max. 1,5	EN 317
Moisture content at dispatch from manufacturer	%	09 - 12	EN 322
Modulus of elasticity	N/mm <sup>2</sup>	min. 4500	EN 310
Internal Bond	N/mm <sup>2</sup>	min. 0,50	EN 319
Bending strength	N/mm <sup>2</sup>	min. 09	EN 310
Superficial alkalinity	pH	11 - 13	-
Higher heating value, PCS <sup>(1)</sup>	MJ/Kg	4 ± 0,5	EN ISO 1716
Reaction to fire <sup>(1)</sup>		B - s1, d0	EN 634 - 1   EN 13501 - 1
Weighted sound reduction index <sup>(1)</sup>	Thickness (mm)	12	16
	Rw (C; Ctr) (dB)	33 (-1;-3)	35 (-2;-3)

<sup>(1)</sup> Tests performed on grey boards

## Thicknesses and Tolerances

Width and length (mm)	± 3
Edge straightness (mm/m)	< 1,5
Squareness (mm/m)	< 2,0
Unsanded (mm)	12   16
Tolerance (mm)	± 1,0   ± 1,2

## Application recommendation

V-urban<sup>®</sup> boards when cut in work, its edges should be sealed with a specific product supplied by Viroc Portugal, SA.

### Contacts:

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