

## DÉCOWOOD PLUS PROFILO SOLIDO - SCHEDA TECNICA

### DÉCOWOOD PLUS SOLID PROFILE - TECHNICAL FEATURES

CARATTERISTICA FEATURE	NORMA STANDARD	RISULTATO RESULT
Dimensione doga / Board dimensions		20 x 165 x 2200 mm ca.
Tipologia prodotto Typology of product		WPC (Wood Polymer Composit), composto da: 60% ca. fibra di legni duri, 30% ca. polietilene (HDPE), 10% ca. additivi. 2nd generation WPC (Wood Polymer Composit) composed by: 60% hard woods, 30% polyethylene (HDPE), 10% additives.
Destinazione d'uso (*1) Intended use		Rivestimenti per esterni non strutturali Non-structural outdoor coverings
Densità / Density	EN 323/93	1.500 kg/m <sup>3</sup> ca. +/- 5%
Carico di rottura (F max) (*2) Breaking Load (F max)	EN 310/93	≥ 3.400 N (346,70 kg)
Resistenza all'umidità. Prova in acqua bollente (*3) Resistance to humidity. Test in boiling water	EN 1087-1/95	Variazione in peso / Weight variation: ≤ 2% Variazione in lunghezza / Length variation: ≤ 0,5% Variazione in larghezza / Width variation: ≤ 1% Variazione in spessore / Thickness variation: ≤ 1,5%
Resistenza all'estrazione delle viti (*4) Resistance to screws extraction	EN 320/94	2779 N
Flessione sotto carico permanente dopo trattamento termico Bend under permanent load after thermal treatment	EN ISO 899-2/2006	≤ 10 mm
Coefficiente di espansione termica lineare Coefficient of linear thermal expansion	ISO 11359-2 DIN 53572	Variazione in lunghezza / Length variation: 0,036 mm/mC° Variazione in larghezza / Width variation: 0,068 mm/mC° Variazione spessore / Thickness variation: 0,098 mm/mC°
Variazione del colore / Colour variation (*5)		≤ 2%
Scivolosità / Slipperiness	DIN 51130 / 51131	Lato liscio / Smooth side ≥ Classe / Class R11 Lato zigrinato / Channel side: ≥ Classe / Class R12
Caratteristiche principali Main features		Aspetto naturale / Natural look
		Colori / Colours: Tropical brown - Stone grey - Sand
		Elevata resistenza a rottura, deformazioni, agenti climatici, aggressione di insetti High resistance to break, deformations, atmospheric agents, insects attack
		Altamente durevole e di facile manutenzione Long-lasting and easy maintenance
		Semplice da installare / Easy installation
		Antiscivolo, anche se bagnato Non slip even if wet

(\*1) The product must be installed according to our installation guidelines with the addition of the special aluminum rigid core.

(\*2) Tested with a distance of 400 mm between the cylindrical supports (max distance between the joists).

The applied load consists of a cylindrical head having a diameter of 30 ± 0.5 mm. Sample conditioning: Temp 18-24 ° C - U.R. 40-60%.

(\*3) Test performed after keeping the samples in hot water and then in cold water (18-22 ° C) for a period of 15-120 minutes.

(\*4) Average extraction value on 3 types of screw.

(\*5) The profiles were subjected to bending in 3 points under a permanent load of 85 kg., duration 168 h (7 days), Temp. 50 ° C - 50% U.R.

The maximum fession, the minimum bending and their difference are calculated

(\*6) Small chromatic variations are allowed, ≤ 2% and therefore not noticeable to the naked eye if not by direct comparison with a rough stave.

They are unavoidable for any product of the category and for this reason they do not constitute defect or lack of conformity.

NOTE: the technical data can be changed without prior notice.