

DÉCOWOOD PLUS PROFILO PIENO - 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 ³ 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 (*5) 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 (*6)		≤ 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.

(*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.

NOTES

The technical data can be changed without prior notice.

A +/-2% tolerance on dimensions is normal and acceptable.