

DÉCOWOOD POETTO - SCHEDA TECNICA

DÉCOWOOD POETTO - TECHNICAL FEATURES

CARATTERISTICA FEATURE	NORMA STANDARD	RISULTATO RESULT
Tipologia prodotto <i>Typology of product</i>		WPC (Wood Polymer Composit), composto da: 60% ca. fibra di legni duri, 30% ca. polietilene (HDPE), 10% ca. additivi. <i>2nd generation WPC (Wood Polymer Composit) composed by: 60% hard woods, 30% polyethylene (HDPE), 10% additives.</i>
Destinazione d'uso (*1) <i>Intended use</i>		Rivestimenti per esterni non strutturali <i>Non-structural outdoor coverings</i>
Densità / <i>Density</i>	EN 323/93	1.500 kg/m ³ ca. +/- 5%
Carico di rottura (F max) (*2) <i>Breaking Load (F max)</i>	EN 310/93	≥ 3.400 N (340,0 kg)
Flessione al carico di 500 N (51kg) (*2) <i>Bend to 500 N (51 kg) load</i>	EN 310/93	≤ 1,5 mm
Resistenza all'umidità. Prova in acqua bollente (*3) <i>Resistance to humidity. Test in boiling water</i>	EN 1087-1/95	Variazione in peso / <i>Weight variation</i> : ≤ 2% Variazione in lunghezza / <i>Length variation</i> : ≤ 0,5% Variazione in larghezza / <i>Width variation</i> : ≤ 1% Variazione in spessore / <i>Thickness variation</i> : ≤ 1,5%
Resistenza all'estrazione delle viti (*4) <i>Resistance to screws extraction</i>	EN 320/94	2779 N
Flessione sotto carico permanente dopo trattamento termico <i>Bend under permanent load after thermal treatment</i>	EN ISO 899-2/2006	≤ 10 mm
Coefficiente di espansione termica lineare <i>Coefficient of linear thermal expansion</i>	ISO 11359-2 DIN 53572	Variazione in lunghezza / <i>Length variation</i> : 0,036 mm/mC° Variazione in larghezza / <i>Width variation</i> : 0,068 mm/mC° Variazione spessore / <i>Thickness variation</i> : 0,098 mm/mC°
Variazione del colore / <i>Colour variation</i> (*5)		≤ 2%
Scivolosità / <i>Slipperiness</i>	DIN 51130 / 51131	Lato liscio / <i>Smooth side</i> ≥ Classe / <i>Class</i> R11 Lato zigrinato / <i>Channel side</i> : ≥ Classe / <i>Class</i> R12
Caratteristiche principali <i>Main features</i>		Aspetto naturale / <i>Natural look</i>
		Colori: Sabbia / <i>Colours: Sand</i>
		Elevata resistenza a rottura, deformazioni, agenti climatici, aggressione di insetti <i>High resistance to break, deformations, atmospheric agents, insects attack</i>
		Altamente durevole e di facile manutenzione <i>Long-lasting and easy maintenance</i>
		Semplice da installare / <i>Easy installation</i>
		Antiscivolo, anche se bagnato <i>Non slip even if wet</i>

(*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.