

Declaration of performance 48009000

Unique identification code of the product-type:	Ytong-Silka FIX X100
Intended use/es:	Masonry walls, columns and partition walls
Manufacturer:	Hufgard Optolith Bauprodukte Polska sp. z o.o. ul. Rzasawska 40/42, 42-209 Częstochowa
System/s of AVCP:	System 2+
Harmonised standard:	EN 998-2:2016
Notified body/ies:	BAU-ZERT Ost e. V., Kronenstraße 55-58, 10117 Berlin, Germany, Notified Body No: 0790

Declared performance/s:		Performance
Essential characteristics:		
Compressive strength		M10
Bond strength	shear bond strength	$\geq 0,20 \text{ N/mm}^2$ (tested value acc. to EN 1052-3 proc. B)
	flexural bond strength	NPD
Chloride content		$\leq 0,1 \text{ \%Cl}$
Reaction to fire		A1
Water absorption		$\leq 0,30 \text{ kg/(m}^2\text{min}^{0,5})$
Water vapour permeability μ		5/20 (tab. value acc. to EN 1745)
Thermal conductivity, $\lambda_{10, \text{dry}}$		$\leq 0,49 \text{ W/(mK)}$ dla P=50% $\leq 0,53 \text{ W/(mK)}$ dla P=90% (tab. value acc. to EN 1745)
Durability		to be used in a moderate environment (adopted on the basis of own experience; acc. to EN 998-2 Annex B)
Dangerous substances		NPD

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:


Andrzej Grenda
Prezes zarządu

Częstochowa, 21.04.2023