

DECLARATION OF PERFORMANCE

Unique identification code:

No. 120916-TAPDOE-365.22.33

Intended use or uses:

The slates are for use as a weatherproof finish to pitched roofs. The image below shows the product installed on a pitched roof.



Manufacturer:

**Tapco Europe Ltd.
Unit 32 Tokenspire Business Park
Hull Road, Woodmansey
Beverley, East Yorkshire
HU16 0TB**

Harmonised standard:

14-22-006-004.02

European Technical Assessment Document (identification number):

ETA 20/0913

Technical Assessment Body:

ETA-Danmark A/S



Declared performance:

Essential Characteristics	Performance	Harmonised Technical Specification
Bending moment	Bending moment – 96 Nm·m ⁻¹	EN 492
External fire performance	The product is categorised as having a B _{ROOF} (t4) ⁽¹⁾ level of external fire performance in accordance with the EAD	Classified to EN 13501-5 : 2005 + A1 : 2009
Dimensions	length 445 mm, width 305 mm and thickness 3.7 mm	EN 492
Density	1.32 kg·cm ⁻³	EN 492
Water absorption	1.32%	EAD
Dimensional stability	+0.02 (longitudinal direction) and +0.01 (transverse direction)	EAD
Warm water immersion at ambient temperature	After 28 days warm water immersion at ambient temperature – 98 Nm·m ⁻¹ After 56 days warm water immersion at ambient temperature – 93 Nm·m ⁻¹	EN 492
Warm water immersion at elevated temperature	After 28 days warm water immersion at elevated temperature – 104 Nm·m ⁻¹ After 56 days warm water immersion at elevated temperature – 94 Nm·m ⁻¹	EN 492
Dry heat at elevated temperatures	After 28 days exposure to dry heat at elevated temperature – 104 Nm·m ⁻¹ After 56 days exposure to dry heat at elevated temperature – 92 Nm·m ⁻¹	EN 492
Freeze/thaw cycling	After 100 cycles of freeze/thaw – 94 Nm·m ⁻¹	EN 492
UV exposure	After 1000 hours UV exposure – 102 Nm·m ⁻¹ After 2000 hours UV exposure – 98 Nm·m ⁻¹	EN ISO 4892-3 EN 492
Heat-rain cycling	No visible damage after 25 and 50 cycles of heat/rain	EN 492

⁽¹⁾ The product achieved this classification under EN 13501-5 : 2005 + A1 : 2009 as part of the following systems:

— Tapco Slates mechanically fixed on 18 mm OSB3 board tested at a slope angle of 45°

— Tapco Slates mechanically fixed on a batten and rafter system with a layer of SBS TU-35 underlay, tested at a slope angle of 45°.

The performance of the product identified above is in conformity with the set of declared performances. 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: Michael Winter

at: Beverley, UK

on: 30/11/2020

date of issue: 01/12/2020

