

DECLARATION OF PERFORMANCE

No. 45DOP-2026-EN

1. Unique identification code of the product type:

CROSSIN TITAN X35

PCC_CCSFE_PU_EN14315_1_PX_001

2. Intended use:

Construction Products: In-situ formed sprayed rigid polyurethane (PUR) foam products.

Intended uses: Thermal insulation of walls, ceilings, roofs and suspended ceilings.

3. Manufacturer:

PCC Prodex Sp. z o.o.

56-120 Brzeg Dolny, st. Henryka Sienkiewicza 4, Poland

4. System(s) of assessment and verification of constancy of performance:

System 4

5. Harmonized standard:

EN 14315-1:2013

6. Notified bodies:

Not applicable

7. Declared performance:

Table 1 Declared Performance

Essential characteristics according to EN 14315-1:2013	Performance characteristics	Declared level/class
Reaction to fire	Reaction to fire	F
Water permeability	Short-term water absorption by partial immersion, W_p	0,20 kg/m ³
Thermal resistance	Thermal conductivity coefficient $\lambda_{mean,i}$	0,028 W/(m·K)
	Thermal conductivity coefficient $\lambda_{90,90}$	0,029 W/(m·K)
	Thermal resistance R_D	Refer to Table 2
Water vapor permeability	Water vapor diffusion resistance coefficient, μ	≥ 50
Compressive strength	Compressive stress at 10% relative deformation, σ_{10}	CS(10/Y)150
Durability of reaction to fire against ageing/degradation	Durability of properties	Does not deteriorate over time
Durability of thermal resistance against ageing/degradation	Thermal conductivity coefficient λ_D taking into account aging	$\lambda_D=0,033 \text{ W/(m·K)}$
	Thermal resistance R_D taking into account aging	Refer to Table 2
	Dimensional stability	DS(70,90)3 DS(-20,-)3
Durability of compressive strength against ageing/degradation	Durability of properties	NPD
Continuous glowing combustion	Continuous glowing combustion	NPD

Table 2 Declared thermal resistance depending on the thickness of the product

d [mm]	40	50	60	70	80	90	100	110	116	120	130	140
R_D [(m ² K)/W]	1,212	1,515	1,818	2,121	2,424	2,727	3,030	3,333	3,500	3,636	3,939	4,242
d [mm]	150	160	170	180	190	200	210	220	230	240	250	260
R_D [(m ² K)/W]	4,545	4,848	5,125	5,455	5,758	6,061	6,364	6,667	6,970	7,273	7,576	7,879

The performance of the product identified above is in line 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 above.

On behalf of the manufacturer signed by:

Przemysław Dwornicki
R&D Manager

Brzeg Dolny, 12.08.2026