

DECLARATION OF PERFORMANCE

according to Annex III of Regulation (EU) No. 305/2011 (Construction Products Regulation)

Hilti firestop insulation tube CFS-TB ISO

No. Hilti CFS-TB ISO

1. Unique identification code of the product-type:

Hilti firestop insulation tube CFS-TB ISO, *Round-cut and star-cut product variant*

2. Intended use:

Insulation and fire stopping for combustible and non-combustible pipes, see Regulation (EU) No. 305/2011

Insulation	Insulation in buildings and industry
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3. Manufacturer:

Hilti Corporation, Feldkircherstrasse 100, FL-9494 Schaan, Principality of Liechtenstein

4. AVCP system:

System 1 for reaction to fire, System 3 for all other product features

5. European Assessment Document:

EN 14303:2009+A1:2013

European Technical Assessment:

Not applicable

Technical Assessment Body:

Eurofins Expert Services Ltd, No. 0809

Notified body(ies):

Eurofins Expert Services Ltd, No. 0809

6. Declared performance:

Essential features	Declared performance	Harmonized technical specification/test method	
Reaction to fire	A2L - s1, d0	EN 14303:2009+A1:2013 (EN 13501-1)	
Thermal conductivity	Temperature (°C)	EN 14303:2009+A1:2013 (EN ISO 8497)	
	10 °C, λ10		0.033 W/mK
	50 °C, λ50		0.037 W/mK
	100 °C, λ100		0.044 W/mK
	150 °C, λ150		0.053 W/mK
	200 °C, λ200		0.064 W/mK
	250 °C, λ250	0.077 W/mK	
Release of hazardous substances	No characteristic proven	EN 14303:2009+A1:2013	
Water-soluble chloride ions	< 10 ppm	EN 14303:2009+A1:2013 (EN 13468)	
Dimensions and tolerances	T8 for outer diameter < 150 mm, T9 for outer diameter > 150 mm	EN 14303:2009+A1:2013	
Sound absorption coefficient	No characteristic proven	EN 14303:2009+A1:2013 (EN ISO 354)	
Water permeability	≤ 1kg/m ²	EN 14303:2009+A1:2013 (EN 13472)	
Water vapor diffusion resistance	<u>MV2</u>	EN 14303:2009+A1:2013 (EN 13469)	
Glow behavior	No characteristic proven	EN 14303:2009+A1:2013	
Upper application limit temperature/dimensional stability	Maximum 250°C	EN 14303:2009+A1:2013 (EN 14707)	

The performance of the product identified above is in conformity with the set of declared performances. The manufacturer named above is solely responsible for drawing up the declaration of performance in accordance with Regulation (EU) No. 305/2011. Signed for and on behalf of the manufacturer by:

Markus Schneider
Head of BU Code, Approval & Regulation
Business Unit Fire Protection
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Luca Sironi
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