

<b>3</b>	<b>Determination of the burning behaviour using a radiant heat source</b> <i>EN ISO 9239-1:2010</i>					
	Date of testing	23.08.2024				
	Pre-conditioning, climate	23 ± 2°C and 50 ± 4% relative humidity				
	Pre-conditioning, duration	≥ 48 h & until constant mass is achieved				
	Description of substrate	Fibre cement board, thickness 8 ± 2 mm, density 1800 ± 200 kg/m <sup>3</sup> conforming to EN 13238:2010				
	Fixing method	None, samples are tested loose laid on the substrate				
	Requirements according EN 13501-1:2007+ A1:2009	See clause 5				
	<b>Test result(s)</b>					
	Test sample	1	2	3	4	Mean
	Orientation (Length: ↑, Width: T )	↑	T	↑	↑	↑
	Flame spread (cm)	44	4	45	41	<b>43</b>
	CHF / HF-30 (kW/m <sup>2</sup> )	4.6	≥ 10.9	4.4	5.1	<b>4.7</b>
	Maximum light attenuation (%)	6.7	4.6	6.1	12.2	<b>8.3</b>
Smoke production (%.min)	67	13	68	89	<b>75</b>	
Observations: Specimen 1, 2, 3 and 4: No Flashing, transitory- or sustained flaming are observed. Specimen 1, 2, 3 and 4: Extinguished naturally before the end of the test duration.						

<b>4</b>	<b>Classification of burning behaviour</b> <i>EN 13501-1:2007+A1:2009</i>	
	The product, <b>Duplomat</b> , in relation to its reaction to fire behaviour is classified:	<b>B<sub>fl</sub></b>
	The additional classification in relation to smoke production is:	<b>s1</b>
	<b>Reaction to fire classification : B<sub>fl</sub> – s1</b>	
	Field of application <ul style="list-style-type: none"> <li>- As a floor covering in accordance with the nominal product parameters given on page 3.</li> <li>- On end use substrates of classes A1 and A2-s1,d0 according to EN 13238:2010.</li> <li>- Any way of fixation, glued down or loose laid.</li> </ul>	
Statements <ul style="list-style-type: none"> <li>- This document does not represent type approval or certification of the product.</li> <li>- The test results only relate to the behaviour of the test specimens of the examined product under the -particular conditions of the test in laboratory conditions; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.</li> <li>- The validity of this report will expire directly after alterations or modifications of the examined product (combination)(s) and/or the criteria.</li> </ul>		