

# CE TEST CERTIFICATE

FOR PERFORMANCE CHARACTERISTICS OF CONSTRUCTION PRODUCTS FOR THE CE MARKING

BOD-19-07-23-01

**Produkt:** Hart-PVC-Boden / SPC; (3-7) mm  
*Product:* Riaid Vinyl Floor / SPC; (3-7) mm

**Hersteller:** Ceramiche Artistiche Bertolani srl  
*Manufacturer:*

**Auftrag:** Prüfung und Klassifizierung ausgewählter Eigenschaften gemäß EN 14041:2008  
*Order:* Testing and classification of selected properties according to EN 14041:2008

**Prüfberichte:** 2718166, 2719349  
*Test reports:*

**Prüfergebnisse:**  
*Test results:*

Eigenschaften <i>Properties</i>	Deklaration gemäß EN 14041:2008 <i>Declaration according to EN 14041:2008</i>
<b>Brandverhalten gemäß EN 9239-1 und EN ISO 11925-2, Klassifizierung gemäß EN 13501-1</b> <i>Reaction to fire according to EN 9239-1 and EN ISO 11925-2, Classification according to EN 13501-1</i>	<b>B<sub>fl</sub>-s1</b>
<b>Rutschverhalten gemäß EN 13893</b> <i>Sliding property according to EN 13893</i>	<b>Klasse DS</b> <i>Class DS</i>

Dresden, 23/07/2019

*R. Gumbel*

Head of laboratory



*A. P. P.*

Engineer in charge

# TEST REPORT

No. : XMIN190400902CCM

Date : May.15, 2019

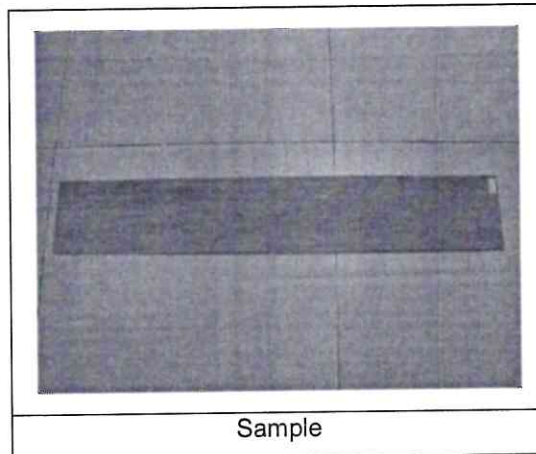
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### Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Fire classification for burning behavior of flooring material	EN 13501-1:2018 Clause 9 & EN ISO 9239-1:2010 & EN ISO 11925-2:2010, Cor.1:2011	B <sub>f1</sub> -s1	/

Note: Pass : Meet the requirements;  
Fail : Does not meet the requirements;  
/ : Not Apply to the judgment.

### Original Sample Photo:



\*\*\*\*\* To be continued\*\*\*\*\*

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Table 1. Classes of reaction to fire performance for floorings

Class	Test method(s)	Classification criteria	Additional classification
A1 <sub>fl</sub>	EN ISO 1182 <sup>a</sup> and	$\Delta T \leq 30 \text{ }^\circ\text{C}$ ; and $\Delta m \leq 50 \%$ ; and $t_f = 0$ (i.e. no sustained flaming)	-
	EN ISO 1716	$PCS \leq 2,0 \text{ MJ/kg}$ <sup>a</sup> and $PCS \leq 2,0 \text{ MJ/kg}$ <sup>b</sup> and $PCS \leq 1,4 \text{ MJ/m}^2$ <sup>c</sup> and $PCS \leq 2,0 \text{ MJ/kg}$ <sup>d</sup>	-
A2 <sub>fl</sub>	EN ISO 1182 <sup>a</sup> or	$\Delta T \leq 50 \text{ }^\circ\text{C}$ and $\Delta m \leq 50 \%$ and $t_f \leq 20 \text{ s}$	-
	EN ISO 1716 and	$PCS \leq 3,0 \text{ MJ/kg}$ <sup>a</sup> and $PCS \leq 4,0 \text{ MJ/m}^2$ <sup>b</sup> and $PCS \leq 4,0 \text{ MJ/m}^2$ <sup>c</sup> and $PCS \leq 3,0 \text{ MJ/kg}$ <sup>d</sup>	-
	EN ISO 9239-1 <sup>e</sup>	Critical flux $f \geq 8,0 \text{ kW/m}^2$	Smoke production <sup>g</sup>
B <sub>fl</sub>	EN ISO 9239-1 <sup>e</sup> and	Critical flux $f \geq 8,0 \text{ kW/m}^2$	Smoke production <sup>g</sup>
	EN ISO 11925-2 <sup>h</sup> : Exposure = 15 s	$F_s \leq 150 \text{ mm}$ within 20 s	-
C <sub>fl</sub>	EN ISO 9239-1 <sup>e</sup> and	Critical flux $f \geq 4,5 \text{ kW/m}^2$	Smoke production <sup>g</sup>
	EN ISO 11925-2 <sup>h</sup> : Exposure = 15 s	$F_s \leq 150 \text{ mm}$ within 20 s	
D <sub>fl</sub>	EN ISO 9239-1 <sup>e</sup> and	Critical flux $f \geq 3,0 \text{ kW/m}^2$	Smoke production <sup>g</sup>
	EN ISO 11925-2 <sup>h</sup> : Exposure = 15 s	$F_s \leq 150 \text{ mm}$ within 20 s	-
E <sub>fl</sub>	EN ISO 11925-2 <sup>h</sup> : Exposure = 15 s	$F_s \leq 150 \text{ mm}$ within 20 s	-
F <sub>fl</sub>	No performance determined		

<sup>a</sup> For homogeneous products and substantial components of non-homogeneous products.

<sup>b</sup> For any external non-substantial component of non-homogeneous products.

<sup>c</sup> For any internal non-substantial component of non-homogeneous products.

<sup>d</sup> For the product as a whole.

<sup>e</sup> Test duration = 30 min.

<sup>f</sup> Critical flux is defined as the radiant flux at which the flame extinguishes or the radiant flux after a test period of 30 min, whichever is the lower (i.e. the flux corresponding with the furthest extent of spread of flame).

<sup>g</sup> **s1** = Smoke  $\leq 750 \%$  minutes; **s2** = not s1.

<sup>h</sup> Under conditions of surface flame attack and, if appropriate to the end use application of the product, edge flame attack

\*\*\*\*\* To be continued\*\*\*\*\*