Wall2Floor System Attachment (Wall2Floor Rasal, Wall2Floor Top Coat, Wall2Floor Primer, Wall2Floor Clear Finish Bi-Component)

Test methods and requirements	Performance
Determination of bond strength to the concrete EN 13892-8; 2004 on MC substrate (0.40) EN 1766 Bond classes ($N \cdot mm^2$): B0.5 ; B1 ; B1.5 ; B2 Type of breakage: X= breakage of cohesion in the concrete substrate X/Y= breakage between the substrate and the screed Y= breakage of cohesion in the screed Z= breakage between the bonding layer and the plate with drive head	**Class B1**; >1 $N \cdot mm^2$ **Y=** breakage of cohesion in the screed
Determination of impact resistance ISO 6272 on MC substrate (0.40) EN 1766 Classes of resistance IR (followed by a number that indicates the impact resistance in N·m)	**IR 10** (equal to the fall of a sphere weighing1000 g from a height of 1 m)
Determination of abrasion resistance ISO 5470-1 Taber abrasion test equipment CS17 abrading wheels; load 1000 grams; 500 revs. S24 abrading wheels; load 500 grams;	**Weight loss 8 mg:** very good **60 revs. before deterioration:** very good

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Wall2floor System Attachment (Wall2floor Rasal, Wall2floor Top Coat, Wall2floor Clear Finish Bi-Component)

<table>
<tr><th>Test methods and requirements</th><th>Performance</th><th>Remarks</th></tr>
<tr><td>

Surface Resistance To Cold Liquids EN 12720:2013
/ = not necessary
− = not envisioned by the CEN/TS 16209 Standard
5 = no change
4 = minor change visible only under reflected light
3 = small change visible from several viewing directions
2 = marked change or slight surface degradation
1 = pronounced change or marked surface degradation

<table>
<tr><th rowspan="2">PRODUCTS</th><th colspan="7">CONTACT TIME</th></tr>
<tr><th>24 hours</th><th>16 hours</th><th>6 hours</th><th>1 hour</th><th>10 min.</th><th>2 min.</th><th>2 sec.</th></tr>
<tr><td>Acetic acid (aqueous sol. 10%)</td><td>-</td><td>2</td><td>-</td><td>5</td><td>-</td><td>/</td><td>-</td></tr>
<tr><td>Acetone</td><td>-</td><td>-</td><td>-</td><td>-</td><td>4</td><td>-</td><td>5</td></tr>
<tr><td>Ammonia (aqueous sol. 10%)</td><td>-</td><td>4</td><td>-</td><td>5</td><td>-</td><td>/</td><td>-</td></tr>
<tr><td>Citric acid (aqueous sol. 10%)</td><td>-</td><td>5</td><td>-</td><td>/</td><td>-</td><td>/</td><td>-</td></tr>
<tr><td>Detergent solution</td><td>-</td><td>5</td><td>/</td><td>/</td><td>/</td><td>/</td><td>-</td></tr>
<tr><td>Coffee</td><td>-</td><td>2</td><td>2</td><td>3</td><td>5</td><td>/</td><td>-</td></tr>
<tr><td>Ethanol (aqueous sol. 48%)</td><td>-</td><td>-</td><td>5</td><td>/</td><td>/</td><td>-</td><td>-</td></tr>
<tr><td>Paraffin oil</td><td>5</td><td>/</td><td>/</td><td>/</td><td>/</td><td>-</td><td>-</td></tr>
<tr><td>Distilled water</td><td>5</td><td>/</td><td>/</td><td>/</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td>Basic perspiration</td><td>-</td><td>-</td><td>-</td><td>5</td><td>-</td><td>-</td><td>-</td></tr>
</table>

</td><td>**Class B** within 1 hour
Class D according to CEN/TS 16209</td><td>1</td></tr>
<tr><td>

Release of formaldehyde Gas analysis, individual test EN 717-2:1994

Thickness	mm	5.9
Humidity	%	Not applicable
Edges	-	Sealed
Conditions of the specimens	-	Not envisioned
Sampling	-	Performed by the requesting party
Dimensions of panel received	mm	Less than 500 x 500

Test result

mgHCHO/(m2 · h)	**0.1**

Type of material	Composite

</td><td>**Very good**</td><td>2</td></tr>
</table>

Remarks:

1) The substances and application times are those envisioned by the CEN/TS 16209:2011 Standard.
2) The test highlights a very small release of formaldehyde

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Determination of the friction coefficient for floors– B.C.R.A Method

Sampling:	performed by the requesting party
Type of sample examined:	n.4 sheets with dimensions of 400 x 400 mm x th. 34÷35 mm
Equipment used:	Tortus II
Slipping element:	Shore A 95
Leather slipping element:	the analytical identification of the leather used has not been performed
Test length:	300 mm
Test conditions:	20 ÷ 5°C
Abrasive paper grain	leather foot (100); rubber foot (400)
Liquid and wetting agent used	demineralised water + 0.03% in weight of sodium lauryl sulphate

Test result

Sliding element	Test direction	Average friction coefficient μ
Leather on dry surface	A	**0.43**
	B (orth. to A)	**0.42**
Rubber on wet surface	A	**0.68**
	B (orth. to A)	**0.69**

Required by Italian Ministerial Decree no. 236 Art. 8.2.2 dated 14 June 1989:
- For leather slipping element on dry floor, μ > 0.40
- For rubber slipping element on wet floor, μ > 0.40

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