



Declaration of Performance
Polymax GALAXY Rubber Flooring Rolls

Test Property	Method	Result
Reaction to fire	EN 14041:2004 / AC:2006 Clause 4.1	Class Efl
Content of pentachlorophenol (PCP)	EN 14041:2004 / AC:2006 Clause 4.2	Pass. Content of pentachlorophenol: <5ppm
Formaldehyde emission	EN 14041:2004 / AC:2006 Clause 4.3	Pass. E1
Water tightness	EN 14041:2004 / AC:2006 Clause 4.4	Pass. No sign of water penetration
Slip resistance	EN 14041:2004 / AC:2006 Clause 4.5	Pass. The dynamic coefficient of friction is greater than 0.30. Slip resistance: DS
Electrical behaviour (static electricity)	EN 14041:2004 / AC:2006 Clause 4.6	Pass. The vertical resistance does not exceed $10^9\Omega$
Thermal conductivity	EN 14041:2004 / AC:2006 Clause 4.7	Pass. 0.23W/(m.°C)
Impact attenuation critical fall height	EN 1177:2008 Class 4.4 & Class 4.5.3.1	Pass. Thickness: 15 mm Critical fall height: 0.8m Acceleration: 2281 m/s ² HIC 968

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EN 14041:2004 / AC:2006 Clause 4.1	If a claim for reaction to fire performance is made, the floor covering (except as provided for below) shall be tested and classified according to the requirements of EN 13501-1:2002 and the resulting class and subclass (as appropriate to the class itself) shall be declared. If it is decided to make no claim for reaction to fire performance, i.e. it is decided to place a product or family of products on the market as Class Ffl, no testing is required for this product or family of products.																								
EN 14041:2004 / AC:2006 Clause 4.2	Resilient, textile and laminate floor coverings shall not contain PCP or a derivative thereof as a component in the production process of the product or of its raw materials. In cases where verification is required, if the content is less than 5 ppm in the parts of the product affected by treatment, this requirement shall be considered to be met. For laminate floor coverings the method CEN/TR 14823, for textile floor coverings the method CEN/TS 14494 shall be used. For resilient floor coverings verification is not required.																								
EN 14041:2004 / AC:2006 Clause 4.3	<p>When formaldehyde-containing materials have been added to the product as a part of the production process, the product shall be tested and classified into one of two classes: E1 or E2, as specified in Table 4 and Table 5.</p> <p style="text-align: center;">Table 4 – Formaldehyde class E1</p> <table border="1" data-bbox="512 1216 1369 1391"> <thead> <tr> <th></th> <th>Test method</th> <th>Requirement</th> </tr> </thead> <tbody> <tr> <td>Initial type testing ^a</td> <td>ENV 717-1</td> <td>Release ≤ 0,124 mg/m³</td> </tr> <tr> <td rowspan="2">Factory production control</td> <td>ENV 717-1</td> <td>Release ≤ 0,124 mg/m³</td> </tr> <tr> <td>EN 717-2</td> <td>Release ≤ 3,5 mg/m²h</td> </tr> </tbody> </table> <p>^a For established products, initial type testing may also be done on the basis of existing data with EN 717-2 testing, either from factory production control or from external inspection.</p> <p style="text-align: center;">Table 5 – Formaldehyde class E2</p> <table border="1" data-bbox="512 1541 1369 1753"> <thead> <tr> <th></th> <th>Test method</th> <th>Requirement</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Initial type testing</td> <td>ENV 717-1</td> <td>Release > 0,124 mg/m³</td> </tr> <tr> <td>EN 717-2</td> <td>Release > 3,5 mg/m²h to ≤ 8 mg/m²h</td> </tr> <tr> <td rowspan="2">Factory production control</td> <td>ENV 717-1</td> <td>Release > 0,124 mg/m³</td> </tr> <tr> <td>EN 717-2</td> <td>Release > 3,5 mg/m²h to ≤ 8 mg/m²h</td> </tr> </tbody> </table>		Test method	Requirement	Initial type testing ^a	ENV 717-1	Release ≤ 0,124 mg/m ³	Factory production control	ENV 717-1	Release ≤ 0,124 mg/m ³	EN 717-2	Release ≤ 3,5 mg/m ² h		Test method	Requirement	Initial type testing	ENV 717-1	Release > 0,124 mg/m ³	EN 717-2	Release > 3,5 mg/m ² h to ≤ 8 mg/m ² h	Factory production control	ENV 717-1	Release > 0,124 mg/m ³	EN 717-2	Release > 3,5 mg/m ² h to ≤ 8 mg/m ² h
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EN 14041:2004 / AC:2006 Clause 4.4	Where required, resilient floor coverings shall meet the requirements of EN 13553. Cover the supporting base with the indicator paper. Place the test specimen on the indicator paper with the use surface side upwards. Place the box over the test specimen and press the support towards the box to ensure water tightness (see A.2.2 and																								

	<p>Figure A.2). Fill the box with water to a level of 200 mm 10 mm above the upper surface of the test specimen. This water level is maintained for 24 h. 1 h after which the water is drained off.</p> <p>The moisture indicator and the test specimen are examined for any signs of water penetrating the specimen.</p>
<p>EN 14041:2004 / AC:2006 Clause 4.5</p>	<p>If a claim for slip resistance is made, the floor covering intended to be used in dry and non-contaminated conditions shall have a dynamic coefficient of friction of ≥ 0.30 when tested ex-factory under dry conditions in accordance with EN 13893 and shall be declared as technical class DS. Although such floors may be subjected to occasional spillage and wet cleaning, the manufacturer does not guarantee the performance under these conditions. If no claim for slip resistance is made, the floor coverings for which no performance has been determined shall be declared as technical class NPd.</p>
<p>EN 14041:2004 / AC:2006 Clause 4.6</p>	<p>The body voltage, measured in accordance with EN 1815 for resilient and laminate floor coverings or ISO 6356 for textile floor coverings, shall not exceed 2,0 kV when tested at $23\text{ }^{\circ}\text{C} \pm 1\text{ }^{\circ}\text{C}$ and $(25 \pm 2)\%$ relative humidity after conditioning the test specimens in the same atmosphere for seven days.</p> <p>Static dissipative floor coverings: The vertical resistance, measured in accordance with EN 1081 for resilient and laminate floor coverings or ISO 10965 for textile floor coverings, shall not exceed $10^9\ \Omega$.</p> <p>Conductive floor coverings: The vertical resistance, measured in accordance with EN 1081 for resilient and laminate floor coverings or ISO 10965 for textile floor coverings, shall not exceed $10^6\ \Omega$.</p>
<p>EN 14041:2004 / AC:2006 Clause 4.7</p>	<p>When floor coverings are to be installed over an under-floor heating system the design thermal conductivity values given in EN 12524 shall be assumed for design calculation purposes. Alternatively, the thermal resistance measured in accordance with EN 12667 may be used.</p>
<p>EN 1177:2008 Class 4.4 & Class 4.5.3.1</p>	<p>Testing shall be carried out at a temperature of $23\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$. Testing shall be carried out on a flat, rigid concrete.</p> <p>For testing tiles, at least four tiles with a minimum total dimension of 1 m x 1 m shall be installed on a flat, rigid substrate according to the manufacturer's instructions, including all connecting and site fixing elements used for installation in the playground.</p> <p>For tiles, slabs or other fabricated surfacing products, conduct at least nine drop tests, each at a different test position on the test specimens.</p>

	<p>For tiles, conduct a drop test (minimum four drop heights) in the following positions:</p> <ul style="list-style-type: none">a) in the centre of the tiles;b) in the centre of a joint between two adjoining tiles;c) at the junction where the greatest number of tiles meet; andd) at any other point of inhomogeneity or discontinuity, to obtain the lowest value for the critical fall height anywhere on the assembly. <p>Ensure that each drop test is completed within 15 minutes. Record each HIC value.</p>
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