The new BASF adhesive systems for construction elements

- are globally available.
- are offered as filled and unfilled 2-component- or 1-component-systems.
- cover all common methods of application: spraying, rake, wiping, high pressure/low pressure and manual.
- are adjustable for continuous and discontinuous production.
- have been tested and qualified by BASF – we therefore ensure the correct production parameters and accordingly a high-end product quality.
- allow higher productivity through optimized reactivity.

Elastan® adhesive solutions
for all sandwich panels.

- are characterized by excellent bonding properties.
- offer an optimized penetration depth adapted to the core materials.
- optimized A-component of BASF systems with lower viscosity leads
to superb mixing quality, better wetting and improved processability.

We specially designed unfilled systems with low viscosity to be applied on top of mineral wool without being absorbed too strongly.

As we use phase-stable A-components, the material shows no signs of sedimentation under regular conditions, making constant stirring unnecessary.

Elastan® adhesives systems – overview

<table>
<thead>
<tr>
<th>Technology</th>
<th>System</th>
<th>Adhesive</th>
<th>Calorific value [MJ/kg]</th>
<th>Max. quantity for A2 classification [g/m²]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jet stream, Spray</td>
<td>Elastan 6541/100</td>
<td>2C unfilled</td>
<td>28,9</td>
<td>128</td>
</tr>
<tr>
<td>Rotating disk, Rake, Spray</td>
<td>Elastan 6541/101</td>
<td>2C unfilled</td>
<td>25,5</td>
<td>145</td>
</tr>
<tr>
<td>Wiper</td>
<td>Elastan 6541/103</td>
<td>2C unfilled</td>
<td>26,7</td>
<td>139</td>
</tr>
<tr>
<td>Wiper, Spray</td>
<td>Elastan 6541/104</td>
<td>2C unfilled</td>
<td>28,0</td>
<td>132</td>
</tr>
<tr>
<td>Rake, Poker</td>
<td>Elastan 6542/100</td>
<td>2C filled</td>
<td>15,3</td>
<td>242</td>
</tr>
<tr>
<td>Rake, Poker</td>
<td>Elastan 6542/101</td>
<td>2C filled</td>
<td>14,9</td>
<td>248</td>
</tr>
<tr>
<td>Roll</td>
<td>Elastan 6578/100</td>
<td>1C Prepolymer</td>
<td>28,6</td>
<td>129</td>
</tr>
</tbody>
</table>

Elastan® 6542/100

Constructing Tomorrow

Elastan® adhesive solutions

We create chemistry
**Elastan® 6542/100 – properties**

<table>
<thead>
<tr>
<th>System</th>
<th>MR (Mixing Ratio)</th>
<th>Start time [s]</th>
<th>String time [s]</th>
<th>Cup density [kg/m³]</th>
<th>Viscosity (20 °C) [mPas]</th>
<th>Density (20 °C) [g/cm³]</th>
<th>Tack free time (23°C, 50% r. h.) [s]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elastan 6542/100</td>
<td>100 : 40</td>
<td>12</td>
<td>40</td>
<td>82</td>
<td>~ 3000</td>
<td>1,672</td>
<td>630</td>
</tr>
</tbody>
</table>

**Elastan® 6542/100 – gel time vs temperature**

**Elastan® 6542/100 – Viscosity / Density**

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