Jotafloor Glass Flake

Product description

Type
This is a two component amine cured glass flake reinforced epoxy coating. It is a high solids, high build product. It is a high performance product. It is specially designed as an abrasive and impact resistant coating for areas with extreme wear and tear. If enhanced slip resistance is required Jotafloor Non Slip can be used in the system. Can be used as mid coat or finish coat in atmospheric environments. Suitable on approved primers on concrete substrates.

Recommended use
Suitable for a wide range of floors with various levels of mechanical and chemical exposure. Specially designed as a part of a complete system for heavy duty traffic, such as ramps, car parks, parking bays, pedestrian walkways and industrial floors. Recommended for warehouses, garages, dairies, factories, laboratories, aircraft hangars, food, beverage and plant rooms.

Product data

Colours
selected range of colours

Generic type
epoxy

Solids by volume
80 ± 2 volume%

VOC
110 g/l ASTM D3960

Application data

The product can be applied by
May be used for small areas.
Use airless spray.

Guiding data for airless spray

Nozzle tip
19-23

Pressure at nozzle
150 bar/2100 psi

Film thickness per coat

Typical recommended range
Dry film thickness
300 - 500 µm

Wet film thickness
375 - 625 µm

Theoretical spreading rate
1.6 - 2.7 m²/l
Product mixing ratio (by volume)

Jotafloor Glass Flake Comp A  3 part(s)
Jotafloor Glass Flake Comp B  1 part(s)

No part mixing of this product. Use a slow speed drill and mixing paddle. Pour the full contents of the mixed material onto the floor immediately after mixing is completed.

The temperature of base and curing agent is recommended to be 18 °C or higher when the paint is mixed.

Induction time and Pot life

Pot life after mixing 1 h

Thinner

Jotun Thinner No. 17

Drying times

<table>
<thead>
<tr>
<th>Substrate property</th>
<th>23 °C</th>
<th>40 °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface (touch) dry</td>
<td>14 h</td>
<td>5.5 h</td>
</tr>
<tr>
<td>Hard dry</td>
<td>48 h</td>
<td>12 h</td>
</tr>
<tr>
<td>Dry to over coat, minimum</td>
<td>32 h</td>
<td>12 h</td>
</tr>
<tr>
<td>Dry to over coat, maximum, atmospheric</td>
<td>5 d</td>
<td>3 d</td>
</tr>
<tr>
<td>Cured</td>
<td>14 d</td>
<td>7 d</td>
</tr>
</tbody>
</table>

Directions for use

<table>
<thead>
<tr>
<th>Substrate</th>
<th>Surface preparation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete and Coated surfaces</td>
<td>Clean, dry and undamaged compatible coating as per SSPC SP13/NACE NO 6 / ASTM D4258 -05 /ACI 503.6R-97/SSPC-TR 5/ICRI TECHNICAL GUIDELINE 03741/NACE02203</td>
</tr>
</tbody>
</table>

Primer

Jotafloor Sealer or Jotafloor SF PR 150 or Jotafloor Solvent Free Primer

Undercoat

Jotafloor PU Topcoat or Jotafloor Topcoat or Jotafloor Topcoat E

Shelf life at 23 °C

Jotafloor Glass Flake Comp A  48 month(s)
Jotafloor Glass Flake Comp B  48 month(s)

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.
Certificates

Determination of Shore 'A' hardness - ASTM D2240
Determination of resistance to aviation fuel - ASTM D543 : 1987

Health and safety

Please observe the environmental and precautionary notices displayed on the container.

A Material Safety Data Sheet for the product has been issued.
Detailed information regarding health and safety risks and precautions for the use of this product is specified in the product’s Safety Data Sheet.
First-aid measures, refer to section 4.
Handling and storage, refer to section 7.
Transport information, refer to section 14.
Regulatory information, refer to section 15.

Disclaimer

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.