AKVI FLEX 30, 50

DESCRIPTION
Water-borne acrylate paint.

PRODUCT FEATURES AND RECOMMENDED USES
♦ A fast drying and flexible paint for exterior use.
♦ Suitable for wooden window frames and front doors.

TECHNICAL DATA

Solids content
abt. 40 volume-%, 45 weight-% depending on the colour and the gloss.

Specific gravity
1.0 - 1.25 kg/litre depending on the colour and the gloss.

Product codes
786 and 787 series

Recommended spreading amounts and theoretical coverage

<table>
<thead>
<tr>
<th>Recommended spreading amounts (unthinned)</th>
<th>Theoretical coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>wet / one layer</td>
<td>theoretical dry film thickness</td>
</tr>
<tr>
<td>155 g/m²</td>
<td>50 µm</td>
</tr>
</tbody>
</table>

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Storage (23 ºC)
6 months.

Application details

<table>
<thead>
<tr>
<th>Application technique</th>
<th>Viscosity DIN4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low pressure spraying</td>
<td>delivery viscosity</td>
</tr>
<tr>
<td>Airless spraying</td>
<td>delivery viscosity</td>
</tr>
<tr>
<td>Curtain coating</td>
<td>delivery viscosity</td>
</tr>
<tr>
<td>Electrostatic spraying</td>
<td>delivery viscosity</td>
</tr>
</tbody>
</table>

Drying times (100 - 120 g/m²)

<table>
<thead>
<tr>
<th></th>
<th>20 ºC</th>
<th>50 ºC</th>
<th>70 ºC</th>
<th>IRM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry to sand, after</td>
<td>1 h</td>
<td>30 min</td>
<td>15 min</td>
<td>1 - 2 min</td>
</tr>
<tr>
<td>Dry to handle, after</td>
<td>4 h</td>
<td>3 h</td>
<td>2 h</td>
<td>2 min</td>
</tr>
</tbody>
</table>

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Thinner
Water.

Cleaning of equipment
Water.

Gloss
ISO 2813/60º
25 - 35 (787-serie)
45 - 55 (786-serie)

Colours
TEMASPEED FONTE tinting. For exterior use it is recommended to use the shades on the House Paint colour card.
The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. When necessary verify the validity of the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of the standards ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.

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#### APPLICATION DETAILS

**Application**
Stir the paint carefully before use. Avoid flotation. For spray application thin the paint 5 - 15 % with water.

**Application conditions**
The surface to be treated has to be clean and dry. During application and drying the temperature of the air, the surface to be treated and the paint has to be over + 18 ºC and the relative humidity of the air below 70 %.

**VOC**
The Volatile Organic Compounds amount is 100 g/litre of paint. Maximum VOC content in ready to use paint (thinned 10 % by volume) is 130 g/l.

#### HEALTH AND SAFETY

Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets. A health and safety data sheet is available on request from Tikkurila Coatings Oy.