601 Domestic Glass / 608 (Concentrate) & 7601 Super Glass / 7608 (Concentrate)
Glass and Ceramic Coatings, recommended for all kinds of glass.

Key Features

<table>
<thead>
<tr>
<th>Application Temperature</th>
<th>Coverage Rate per litre</th>
<th>Durability of the coating</th>
<th>Shelf life of the liquid</th>
<th>Storage Temperature</th>
<th>Curing time</th>
</tr>
</thead>
<tbody>
<tr>
<td>-25°C - +35°C, also in sunlight</td>
<td>150-200m²</td>
<td>outside under German weather conditions 601: 1-3 years, 7601: 3-5 years</td>
<td>2 years</td>
<td>-10°C - +30°C</td>
<td>12 hours at 20°C (surface usable after one hour)</td>
</tr>
</tbody>
</table>

Properties

- clear, colourless liquid, virtually undetectable, surfaces look and feel the same after application but they may look slightly brighter.
- easy to apply and reapply
- Resistant against frost and extreme heat or UV exposure, to salt, hard water minerals, seawater, salty air, domestie acid and alkalisolutions eg. within the range pH 2-12
- anti-soiling, water and dirt-repellent
- helps to prevent water marks, dirt, algae and bird fouling from adhering to glass
- no scraping, scrubbing or harsh chemical cleaners needed as soiling agents do not bond to the coated surface
- protects windows from irreparable corrosion, abrasion and "salt burn in"
- easy to clean effect, treated surfaces remain clean for prolonged periods, this reduces cleaning time and the costs for cleaning and care
- drastically reduces cleaning frequencies, saving energy, time and cost
- self-cleaning glass effect on vertical surfaces after heavy rain.
- reduces the growth of micro-organisms and bacteria
- enhanced hygiene due to biostatic characteristics
- will considerably reduce surface friction
- long durability
- contact angle Aprr. 104°
- Heat resistance: 450°C short-term (seconds), 250°C long-term (hours)
- ph-value stable: 1-12,5

ALGT® glass & ceramic is ideal for use on glass and ceramic surfaces in environments such as

- buildings eg. glass facades/entrance doors
- float glass
- treatment of automotive glass (massively improves visibility in rainy conditions), durability: 601: up to 6 months, 7601: up to 12 months.
- treatment of solar/photo-voltaic plants (higher efficiency)
- anti-soiling coatings of ceramic and enamel
- conservatories
- sanitary ware (shower screens, splash-backs, mirrors, basins, toilet)
- glazed ceramic tiles
- ceramic bathtubs, showers, sinks, swimming pools
- windows, sliding doors, skylights, louvre windows balustrades kitchens
- Detergent resistance: ph value 1-12,5

Customs code: 3824 9092, DG

Some of the testing associated with these coatings:

<table>
<thead>
<tr>
<th>Test according to</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 11507</td>
<td>Artificial weathering with fluoreescent UV lamps + water (method A)</td>
</tr>
<tr>
<td>DIN 55620-1+2</td>
<td>Determination the contact angle</td>
</tr>
<tr>
<td>DIN EN ISO 11998:2008</td>
<td>Determination of the wet-scrub resistance and cleanability of coatings</td>
</tr>
<tr>
<td>TÜV</td>
<td>Test on windscreens: 1) Perl effect from 40 km/h 2) Easy--to-apply 3) streak-free</td>
</tr>
<tr>
<td>DIN 1249 part 12, DIN 18516, part 4, DIN EN 12150</td>
<td>Test Flexural Strength on Safety Glass</td>
</tr>
<tr>
<td>CCM lab</td>
<td>Contact angle</td>
</tr>
</tbody>
</table>

| Concentrate for 20 litres: |
|-------------------------|-------|-------|
| Component | 608 | 7608 |
| A | 140g | 400g |
| B | 140g | 400g |

Purchased from local supplier:

- Ethanol (EtOH) 99% or higher 16.8 litres 19.3 litres
- Hydrochloric acid 37% (HCl) CAS No.: 7647-01-0 40g 40g