

# 601 Domestic Glass / 608 (Concentrate) & 7601 Super Glass / 7608 (Concentrate)

## Glass and Ceramic Coatings, recommended for all kinds of glass.

### Key Features

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

### Properties

- clear, colourless liquid, virtually undetectable, surfaces look and feel the same after application but they may look slightly brighter.
- easy to apply and re apply
- Resistant against frost and extreme heat or UV exposure, to salt, hard water minerals, seawater, salty air, domestic 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 Appr. 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

	601 DomesticGlass High Quality	7601 SuperGlass Premium Quality
<b>1.000ml bottle</b>	601-1	7601-1
<b>200 litres barrel</b>	601-200	7601-200
<b>1.000 litres IBC container</b>	601-1000	7601-1000

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

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