

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 ²	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
1.000ml bottle	601-1	7601-1
200 litres barrel	601-200	7601-200
1.000 litres IBC container	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