

# ADINO SEAL SANITARY 705

## ANTI FUNGAL SILICONE SEALANT

### TECHNICAL DATA SHEET

**ADINO SEAL SANITARY 705** is an acetoxy silicone, one-component, elastic sealant curing under the influence of humidity from the air, intended for sealing and grouting joints and to protect against moisture.

#### CHARACTERISTICS

- Specially formulated for sanitary applications. excellent resistance to mould and fungus
- Acetic curing, 1-component silicone sealant (RTV-1).
- Excellent adhesion to most of the building materials.
- High resistance to ageing, weather conditions
- Permanent elasticity.
- High resistance to UV radiation

#### APPLICATIONS

- sealing glass in display cabinets, marks, cable ducts
- protection of polyurethane foams against UV radiation
- sealing baths, hand basins, showers, sinks and other sanitary facilities and other water supply equipment
- sealing of ceramic tiles
- small home repair works
- sealing vertical dilatation joints
- excellent adhesion on ceramic tile, glass, wood, hard PVC, polystyrene, clinker tile. Also good adhesion on aluminium, cast iron, stainless steel, galvanised sheet

#### TECHNICAL CHARACTERISTICS

<b>UNCURED SEALANT</b>	
Type of sealant	Polysiloxanes
Vulcanizing system	Through moisture in the air
Skin forming time (23°C and 50% R.H.)	5 - 30 min
Vulcanization rate (23°C and 50% R.H.)	2- 3 mm/24h
Density: ISO 1183	1,00 g/ml
Processing temperature	+5°C - +40°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	Min. 12 months
<b>CURED SEALANT</b>	
Shore A hardness: ISO 868	24
Elastic recovery: ISO 7389	99%
Deformation capability: ISO 11600	12,5%
Modulus at 100% elongation: ISO 8339	3.8 N/mm <sup>2</sup>
% Elongation at break: ISO 8339	250%
Temperature resistance	-60°C to +180°C

#### STRONGMAN CHEMICALS

Agape World Pvt. Ltd.

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#### PACKING AND COLOURS

12 cartridges of 310 ml/box - 144 boxes (1728 cartridges) /pallet
Standard: white, transparent, black, brown, grey, beige

Other colors are available on request (minimum 3 pallets order).

#### PRODUCT MEETS REQUIREMENTS OF:

- EN 15651-1:2012
- EN 15651-3:2012 S
- FDA norms
- ISO 11600: 2004, F, 12,5E.
- Hygienic standard of National Institute of Hygiene.
- Mould resistance norms by Institute of Building Technology as per ISO 846

#### METHOD OF USE

##### PREPARATION

All surfaces should be dry, clean and free from dust or grease. When necessary, degrease with ADINO Cleaner, MEK, alcohol or ethanol. If necessary, use a primer. It is recommended to carry out preliminary tests in order to determine the suitability of the product for its application.

##### PRIMERS

Porous surfaces	Primer	Transparent	Curing time (approx.) 60 min
Non porous substrates	Primer	Transparent	Curing time (approx.) 30 min

##### APPLICATION

With a gun (manual or pneumatic). The shape of the joint is important. Avoid thin layers.  
Joint dimensions

Joint width	Joint depth	Allowed difference
3-4 mm	3-4 mm	± 1 mm
6 mm	6 mm	± 1 mm
8 mm	8 mm	± 1 mm
10 mm	6-8 mm	± 2 mm
15 mm	10 mm	± 2 mm
20 mm	10-12 mm	± 2 mm
25 mm	15 mm	± 3 mm
Maximum joint width: 30mm		

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#### **TOOLING**

When needed with ADINO SEAL TL 100 or tools.

#### **CLEANING**

- Before curing: Tools with white spirit or solvent. Surfaces with ADINO Cleaner.
- After curing: Remove as much as possible mechanically; the remainders of the silicone with Silicone Remover.

#### **REPAIRING**

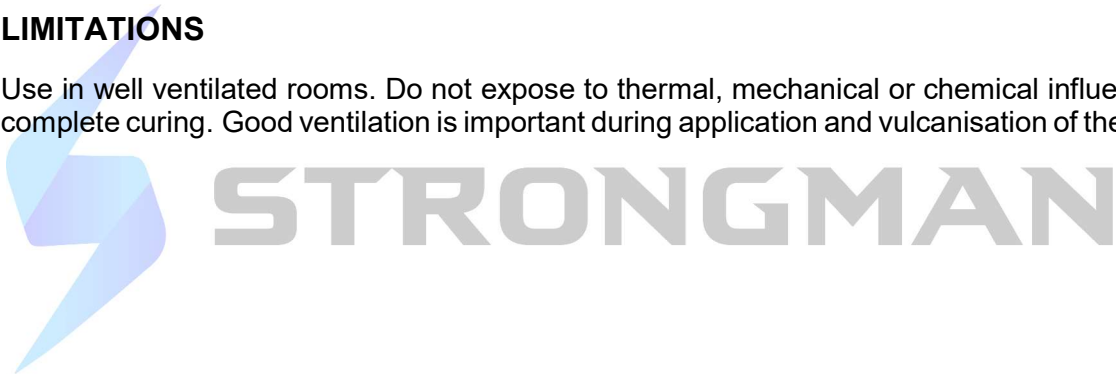
With the same product.

#### **SAFETY**

Safety data sheet available on request.

#### **LIMITATIONS**

Use in well ventilated rooms. Do not expose to thermal, mechanical or chemical influences before complete curing. Good ventilation is important during application and vulcanisation of the product.



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