

**DESCRIPTION:**

ADINO SEAL CRISTAL is a non-toxic, solvent-free, low modulus, multipurpose, one component silicone sealant (RTV-1), based on an acetic curing system.

ADINO SEAL CRISTAL has a high resistance to ageing, low and high temperatures (-60°C to +180°C).

ADINO SEAL CRISTAL becomes clear after full curing.

APPLICATIONS:

ADINO SEAL CRISTAL has an adhesive strength on most dry and clean surfaces such as aluminum, glass, ceramics, etc. Also suitable for the bonding of glass, lighting domes, etc.

SURFACES:

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 primer. It is recommended that adhesion tests are carried out to determine the suitability of the product for its application.

SHELF LIFE:

Minimum 12 months if kept in the original packing and stored in cool and dry conditions between +5°C and +25°C.

LIMITATIONS:

Do not use in closed rooms. Do not expose to thermal, mechanical or chemical influence before complete curing. Good ventilation is important during application and vulcanization of the product. Adino Seal Cristal cannot be overpainted.

CLEANING:

Before curing: a) Tools with white-spirit or solvent
b) Surfaces with Adino Cleaner.

After curing: Remove as much as possible mechanically; the remainder of the silicone with Silicone Remover.

PACKING:

25 cartridges of 310 ml/box - 48 boxes/pallet

25 sausages of 400 ml/box - 48 boxes/pallet

20 sausages of 600 ml/box - 45 boxes/pallet

SAFETY:

The application should take place in well-ventilated rooms, so that cross linker vapours can escape. These cross linker vapours may not be inhaled during long periods of time or in high concentrations.

Avoid prolonged contact with skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Avoid contact with food as long as the sealant is uncured. Refer to our safety data sheet.

**TECHNICAL CHARACTERISTICS:****Uncured sealant**

Type of sealant	Polysiloxanes
Curing system	Through moisture in the air
Skin forming time (23°C and 50 % R.H.)	17 min
Curing rate (23°C en 50 % R.H.)	1-2 mm / 24 hrs
Density (ISO 1183)	1,00 g/ml

Cured sealant

Shore A hardness (ISO 868)	19
Elastic recovery (ISO 7389)	> 90 %
Deformation capability	20 %
Modulus at 100 % elongation (ISO 8340)	0.39 N/mm ²
% Elongation at break (ISO 8339)	130 %
Temperature resistance	-50°C to + 150°C

PROCESSIN TEMPERATURE:

Between +5°C and +40°C.

COLOURS:

Cristal Transparent.

NOTE : "The information contained herein is offered in good faith based on STRONGMAN CHEMICALS's research and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information shall not be used in substitution for customer's tests to ensure that STRONGMAN CHEMICALS's products are fully satisfactory for your specific applications. STRONGMAN CHEMICALS's sole warranty is that the product will meet its current sales specifications. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. STRONGMAN CHEMICALS's specifically disclaims any other expressed or implied warranty of fitness for a particular purpose or merchantability. STRONGMAN CHEMICALS's disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent. Technical indications and data appearing in this brochure are based on our current knowledge and experience and we decline all responsibility for consequences derived from inadequate use. Therefore, our guarantee is limited exclusively to the quality of the product supplied. This technical information can be modified without notice. If necessary request it periodically."

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