

**ADINO SL POLYSULPHIDE****Pourable Grade****DESCRIPTION:**

Dual-component Polysulphide polymer sealant, self-leveling

PROPERTIES:

Dual-component sealant, which one mixed react chemically in order to produce a material with elastomeric feature, of low modulus, and good adhesiveness to most materials commonly used in construction such as: concrete, wood, metals, glass, ceramics, etc. It has high mechanical, chemical and weather resistance. Self-leveling. Applicable in areas with traffic rolled

APPLICATIONS:

- Sealing of all kinds of horizontal joints in construction and in general, where high performance sealing is required.
- Sealing of expansion joints and static in building and civil engineering
- Joints in airport runways, hangars, concrete highways, bridges
- Joints in garages, parking, etc
- Joints in industrial pavements

SPECIFICATIONS:

ADINO SL POLYSULPHIDE meets the international standards:BS 5212



TECHNICAL FEATURES:

Non-cured ADINO SL POLYSULPHIDE			
PART A)			
Appearance:	Grey creamy		homogeneous
PART B)			
Appearance:	Brown paste.		homogeneous creamy
PARTS (A) + (B) mixed			
Appearance:	Homogeneous creamy paste.		
Slump resistance			
NF P 85501:	mm.	0	
Application time at 23°C: Hours		2-4	
Application temperature: °C		+5 to +50	
Cured ADINO SL POLYSULPHIDE (4 weeks at 23° C and 55% H.R.)			
Appearance:			Similar to rubber
Shore A Hardness			
(DIN 53505):			20
Elastic recovery			
(NF P 85506):		%	85
Modulus 100%			
(DIN 53504):		Mpa.	0,208
Tensile strength			
(DIN 53504):		Mpa.	0,50
Elongation at break			
(DIN 53504):			450/550
Movement factor:	accommodation	%	25
Temperature range in service:		°C	-30 to +80
Temperature resistance (Shorter times):		°C	-45 to 120

CHEMICAL RESISTANCE:

Water, soapy water, brine:
Inorganic diluted acids and alkalis:
Oils and mineral greases:
Fuel-Oil and Hydrocarbons:

Excellent.
Very good.
Very good
Very good

**INSTRUCTIONS:****Dimensioning of joints:**

The joints width must be at least 4 times larger than the foreseen movement. Sealing depth must be half the width of the joint with the exception of under 15 mm. joints, where the depth must be 8 mm

Formation of joints:

It is necessary that a filler material is used in order to avoid adhesion of **ADINO SL POLYSULPHIDE** to the bottom of the joint which would exercise unnecessary tension on the mechanically stable, homogeneous, corrosionresistant, and must not adhere to either the sealant or contiguous materials. A particularly recommendable product is closed-cell polyethylene foam, extruded in regular-section strips, such as our ADINO-CELL

Treatment of the surfaces:

The surfaces to be sealed must be clean and dry. If necessary, cleaning with non-grease solvent such as acetone is recommended. Thorough cleaning of the walls of the joint is usually enough for good adhesion of sealant on the building material. Always recommended pre-testing for adhesion. For porous materials, it is essential that a primer is used. The application of these primes must be tested as their behavior varies with temperature, type of support, etc.

Procedure:

ADINO SL POLYSULPHIDE is dual-component sealant supplied into two container, in appropriate proportions, and unmixed. The mixture must be made immediately before application, adding component B boat (680ml) in the drum of component A (13 liters) and using to low-revolution electric drill (200-400) equipped with a fork-shape whisk. Beating must be done with circular motion in both directions, coming close to the container walls and bottom, avoiding, as far as possible, trapping of air. This operation should be continued until the color of the mixture is homogeneous. Excessive beating will heat up the product, thus reducing time available for its application.

The application will normally be by pouring.

Yield:

The following formula is an approximate guideline in order to calculate foreseen yield for a can of **ADINO SL POLYSULPHIDE**

$$L = \frac{13700}{A \times D}$$

Where:

- L= Length of sealant in meters obtained per cartridge of ADINO SL POLYSULPHIDE
- A= Width of the joint in mm.
- D= Depth of the joint in mm.

Further treatment:

ADINO SL POLYSULPHIDE, in general, requires no protection. The product is paintable.

Note:

ADINO SL POLYSULPHIDE polymerizes as a result of a chemical reaction between the two components. Temperature and humidity determine the speed of this reaction, which in like manner affect the time available for product application. As a general rule, increased temperatures mean less application time available and vice versa. For this reason ADINO SL POLYSULPHIDE should not be applied at temperatures below +5°C.

**ADINO SL
POLYSULPHIDE****STRONGMAN****TECHNICAL DATA SHEET****STORAGE:**

Keep in a cool and dry place.
Lifetime: 18 months in original sealed container.

PRESENTATION:

Cans containing 13.7 liters (13 liters A+ 670 ml B).

COLOR:

Grey

CLEANING:

The fresh product is cleaned with an organic solvent. Once cured it is only eliminated mechanically.

HEALTH & SAFETY:

The ADINO SL POLYSULPHIDE catalyst or curing agent contains heavy weight metal components. Avoid ingestion or direct contact with skin. Wash hands before eating or smoking. Use protective gloves. One cured, can be used in water tanks and swimming pools.

PRIMER is flammable. Do not smoke or use unprotected flame during application. Avoid prolonged inhalation of vapors and contact with skin. In case splashing into eyes rinse thoroughly with plenty of water and, if necessary, see a doctor. Use gloves, and in case of splashes, wash with industrial detergent while the product is still fresh.

NEVER USE BLOWTORCHES FOR CLEANING SINCE TOXIC GASES ARE PRODUCED. DO NOT WASH HANDS WITH SOLVENT.

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For more information request Safety Data Sheet.

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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