

## HIGH PERFORMANCE NEW GENERATION POLYMER

### FIJA+TURBO

#### Hybrid polymer sealant adhesive

##### DESCRIPTION

One part, moisture curing, multipurpose thixotrope sealant adhesive of high modulus with very fast strength build-up. Permanently flexible. Based on silane-terminated polymer STP. Elevated green strength and extremely fast curing. High performance. High shore and great bonding power.

Suitable for indoor and outdoor use. Resistant to UV and weathering. Free of solvents, isocyanates and silicones.

##### PROPERTIES

- Extremely fast curing high tack bonding
- Excellent initial grab, quickly manipulable
- Extreme bonding strength
- Easy extrusion and gunability
- Permanently elastic after curing
- Non sag consistency
- Ideal for vertical and horizontal applications
- Excellent UV, weather and ageing resistance
- Do not yellow
- Solvent free and odorless
- Application temperature +5°C up to +40°C
- Temperature resistance -40°C up to + 90 °C
- Indoor and outdoor. Porous and non porous surfaces
- Works on wet and damp surfaces
- Paintable
- Perfect elastic recovery

##### APPLICATIONS

➤ Strong & elastic bonding and/or sealing for all usual types of materials used in building construction, shipyard-, transport- and ventilation industry, mining.

➤ Weatherproof joints filling in prefabricated elements, metalwork, drains, galvanized plates, ferrous and nonferrous metals, solar panels, element of caravans and trucks, air-conditioning and refrigeration. It seals and bonds roof tiles, cladding, guttering, decking, wall insulation, vacuum panels, brick slip etc.

➤ Good adhesion to brick, timber, concrete, natural or artificial stone, metals: aluminium, zinc, iron, etc..., most thermoplastics ( polystyrene, PVC, ABS, polyamide, fiberglass reinforced epoxy, polyester,...).

➤ No adhesion on PE, PP, PTFE, silicones, bituminous and asphaltic substrates.



##### AVAILABLE:

WHITE  
GREY  
BROWN  
BLACK

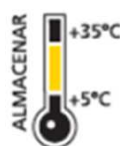
OTHER COLOURS & PACKAGING  
ON REQUEST



PACKAGING	CAPACITY	UNITS/BOX
CARTRIDGE	290 ml	12 pcs
FLEXIBLE TUBE	125ml	12 pcs

##### STORAGE AND SHELF LIFE

18 MONTHS SHELF LIFE IN UNOPENED  
PACKAGING



STORE IN A COOL, DRY PLACE  
IN TEMPERATURE BETWEEN 5  
AND 35-°C

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#### STANDARDS AND CERTIFICATIONS



EN 15651-1 F EXT INT

025-DoP-2014  
www.quiadsa.com

**F: FACADES**  
**EXT: EXTERIOR / INT: INTERIOR**

EN 15651-1: 2012: specifies definitions and requirements for non-structural facade sealants intended for sealing exterior wall joints, window and door perimeter joints in building construction, including the interior face.

#### TECHNICAL DATA

##### UNCURED PRODUCT

CHARACTERISTIC	METHOD	UNITS	VALUE
TYPE			Silane-terminated polymer
CONSISTENCY			Thixotrope paste
CURING SYSTEM			Contact with the air moisture
SPECIFIC GRAVITY		g/ml	1,50
WORKING TEMPERATURE		°C	+5°C up to +40°C
SKINNING TIME	23°C, 50% RH	min	8 min
CURING RATE	23°C, 50% RH	Bead 2mm	60 min
SAG FLOW			0 mm
SOLIDS CONTENT	2 hours at 120°C	%	>98
CLEANING	-	-	solvent

##### CURED PRODUCT

CHARACTERISTIC	METHOD	UNITS	VALUE
TENSILE STRENGTH	DIN 53504	N/ mm <sup>2</sup>	4,0
ELONGATION AT BREAK	DIN 53504	%	250
MODULUS 100%	DIN 53504	N/ mm <sup>2</sup>	2,3
SHORE A HARDNESS	DIN 53504	SHORE A	65
THERMICAL RESISTANCE		°C	-40°C up to +90°C

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#### **APPLICATION**

All surfaces must be clean and free of dirt, grease, oil, or other contaminant or particulates. Can be applied on wet and damp surface.

#### **USE AS A SEALANT**

Apply with manual- or pneumatic caulking gun forming a continuous bead avoiding formation of air pockets. The best adhesion when material gets the complete contact with the connection surfaces is obtained if the joint at smoothening is pressed. Once applied the bead and surface can be smoothened (before the skinning) with a joint peg or sponge dipped in soaped water.

#### **DIMENSIONS OF THE JOINT**

The joint must be designed according to the movement capability of the sealant. In general its width must be between 5-25mm. The ratio between width and depth depends on the width of joint. In general, for joints of more than 10mm, the relation between width and depth should be 1:2 respectively. For smaller joint, ratio should be about 1:1.

For floor joints: 1:0.8.

WIDTH (mm)	10	15	20	25
DEPTH (mm)	8	8	10	12
COVERAGE (M)	3,75	2,5	1,5	1

#### **USE AS AN ADHESIVE**

Apply in strips according to the dimension of surfaces to bond. Use hand pressure to set element to be bonded. It is possible to correct the placement in the first few minutes (before skinning). Apply pressure again.

#### **Performance/cartridge:**

Joint:  $L=290/(a \times p)$

L: Length

a: Width

p: Depth

Adhesive: Approx. 12 meters for Ø 5mm

#### **CLEANING OF TOOLS**

Possible to clean when fresh, with solvents.

Cured product can be removed only mechanically.

#### **REMARKS**

Product can be overpainted and varnished. It is recommended to do it once skin is formed, being in this case approx. 10min since application.

Can be used in the painting booth, do not contaminate them. It is preferable to use elastic paints. Prior test before use is recommended.

#### **CHEMICAL RESISTANCE**

Good resistance to water, aliphatic solvents, oils, grease, diluted inorganic acids and alkali.

Poor resistance to aromatic solvents, concentrated acids, chlorinated hydrocarbons.

#### **LIMITATIONS**

Do not use to seal swimming pools.

Do not use in aquariums.

Do not use as a glass sealer.

Do not use on bituminous substrates, and asphaltic substrates.



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### **PRECAUTIONS**

For more information and precautions for use refer to the Material Safety Data Sheet (available on request) containing physical, ecological, toxicological and other safety-related data.

### **LEGAL NOTES**

In case of doubt, we recommend you to contact our technical department, which will suggest the most appropriate adhesive for your purposes, or will conduct the test required to find adequate solution.

The technical information contained in this document, as well as our technical advice whether verbal or written, is the result of our experience with the product and should be considered as collaboration without compromise, since the use and/or final application of our adhesives is beyond our control, declining all liability for improper use. The customer is responsible to confirm and evaluate prior to use, by trial or test, if the product conforms to required employment.

The information, recommendations or advices contained herein are given in good faith, supplier makes no warranty or guarantee, express or implied, that the results described herein will be obtained under end-use conditions, or as to the effectiveness or safety of any design incorporating supplier's materials, products, services, recommendations or advice.

Nothing in this or any other document shall alter, vary, supersede or operate as a waiver of any of the supplier's standard terms of sale.

**Guarantee is limited to ensure the quality of our products, according to company's quality standards.**

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