



QUILOSA PROFESSIONAL MS 35 Total

Elastic adhesive with excellent resistance to shocks and vibrations. Excellent adhesion on all types of materials, including plastics, methacrylates, PVC, lacquered aluminium, mirrors and other delicate materials. Certified for clean room sealing and indirect food contact (FDA). Mould resistant, applicable for sealing joints in sanitary areas. Elastic sealing for expansion and static joints on facades and floors indoors and outdoors. Sustainable product: free of isocyanates and solvents.

RECOMMENDATIONS FOR USE:

- Sealing of non-structural facade joints: expansion and static.
- Filling joints and cracks in pavements and facades.
- Gluing and elastic sealing of construction elements (tiles, baseboards, interior and exterior panels).
- Sealing metal roofs.
- Sealing of carpentry on site.
- Sealing of trafficable floor joints.
- Repair of pipes, gutters and downspouts, even in humidity.
- Gluing of decorative elements.
- Non-structural sealing and gluing of caravans, car bodies, containers and industry in general

BENEFITS:

- Single-component, easy application from +5°C to +50°C.
- Adheres without primer to the most common materials in construction and industry (glass, ceramic, wood and derivatives, metals, PVC, methacrylates, polyester, etc.).
- Neutral. It does not corrode metals or attack alkaline substrates (concrete and brick etc.).
- Remains flexible from -40°C to +90°C.
- Paintable*. It does not contaminate further coats of paint.
- Adheres in moistures surfaces.
- Does not stain sides of joints.
- Anti-mold. It does not blacken.
- Excellent UV resistance and weatherability.

CERTIFICATES

MARK CE

- EN 15651-1 F EXT- INT- CC / EN 15651-3 S / EN 15651-4 PW- EXT-

THE PRODUCT MEETS REQUIREMENTS OF:

- EMICODE: EC1 PLUS

TESTS PERFORMED

- VOC Emission - Indoor Air Comfort GOLD®. Test Report n° 392-2016-00152101_A_EN.
- VOC Test Report: M1. Test report n° 392-2016-00152101_I_EN

ACCORDING TO THE RESULTS OBTAINED IN TEST NO. 392-2016-00152101_A_EN, THE PRODUCT COMPLIES WITH THE REQUIREMENTS OF THE REGULATIONS OR PROTOCOLS INDICATED BELOW

- French VOC Regulation: A+ Classification
- French CMR Components, Regulation of March and April 2011 (DEVL1101903D and WDEVL1104875A)
- Indoor Air Comfort® and Indoor Air Comfort GOLD®
- BREEAM International
- Blue Angel (RAL UZ 123 for “Low-Emission Sealants for Interior Use”)
- Belgian Regulation, Royal decree of May 2014 (C-2014/24239)
- AgBB

ACCORDING TO THE RESULTS OBTAINED IN TEST NO. 392-2016-00152101_I_EN, THE PRODUCT COMPLIES WITH THE REQUIREMENTS OF THE REGULATIONS OR PROTOCOLS INDICATED BELOW

- M1

FDA CFR21 § 177.2600 (E) FOR INDIRECT FOOD CONTACT.

- IANESCO. E16-02573-1

TABLES

SEALING DEPTH WILL BE CHOSEN DEPENDING ON THE WIDTH OF THE JOINT, ACCORDING TO THE FOLLOWING TABLE (VALUES IN MM.):

WIDTH	5/6	7/9	10/12	12/15
DEPTH	5	6	7	8

TECHNICAL DATA

Appearance	Value
Homogeneous creamy paste	+
Uncured	Value
Slump resistance (ISO 7390) [mm]	< 3
Tack free (ASTM C-679-71) [min]	15
Skin over time (BS 5889 Ap.A) [min]	25
Curing rate (23°C and 55% h.r.) [mm/24h]	3 - 4
Shrinkage (ISO 10563) [%]	< 5
Flash point (DIN 51794) [°C]	430
Application temperature [°C]	5 - 50
Cured, (4 weeks at 23°C and 55% H.R.)	Value
Similar to rubber	+
Shore A hardness (ISO 868)	40
Modulus 100% (ISO 37) [MPa]	0.9
Tensile strength at break, ISO 37 [MPa]	2.2
Elongation at break (ISO 37) [%]	400
Movement accommodation factor [%]	20
Temperature resistance [°C]	-40 - +90
Chemical resistance	Value
Water, soapy water, brine	+++
Inorganic diluted acids and alkalis	++
UV and Weather resistance	++

METHOD OF USE

Prior to application, read safety instruction presented in MSDS.

SURFACE PREPARATION

- Surfaces to be sealed must be clean and dry.
- If necessary, in addition to mechanical means, cleaning with non-grease solvent such as acetone is recommended.
- Depth of sealant is chosen on the basis of the joint's width according to the table.
- For joint widths greater than 16 mm, and up to 35 mm depth must be one half of width.
- A filler should be used in order to avoid adhesion of product to the bottom of the joint, this would exercise unnecessary tension on the sealant. Meanwhile, regulation of its depth is achieved as well as greater yield. The material to be used must be inert, mechanically stable, homogeneous, corrosion resistant, 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 POLITEN-CEL.

PRODUCT PREPARATION

- Cut off cap from adapter nipple.
- Screw the nozzle on the cartridge.
- Clip the tip of the nozzle to required opening.
- Insert it into applicator gun.

APPLICATION

- Fill in the appropriately treated joint with product.
- For a better finish, protect the edges of the joint with adhesive tape and smooth with a spatula, removing the tape before the sealant forms skin.
- Instructions for bonding:
- For the bonding of materials, apply the product on one of the surfaces to be joined in fine, discontinuous and vertical cords that allow the subsequent circulation of air, and press the panel or object on the substrate, avoiding as far as possible the rectifications. In many cases it will be convenient to hold the panel or object with chocks or another system for a minimum of 24-48 hours.

WORKS AFTER COMPLETION OF APPLICATION

- Fresh product is easily removed with an organic solvent. When cured it can be removed by mechanical mean only.

REMARKS / RESTRICTION

- Requires no protection from the weather.
- *It can quite easily be painted with any acrylic paint as long as it is sufficiently elastic.
- However, due to the great diversity of varnishes and paints, it is recommended to do a preliminary test.
- The drying time of alkyd resin based paints may increase.
- The following formula is an approximate guideline to calculate foreseen yield:
- Yield: $L = V / (A \times D)$, where, L = Length of sealant in metres obtained per container. V = Volume of the container. A = Width of the joint in mm. D = Depth of the joint in mm.
- Any material not known by the user, from the point of view of adherence, must be previously tested our consult our Technical Department.

ADDITIONAL INFORMATION

It is advisable to carry out a preliminary test on materials in which there is no previous experience with this product. Our Technical Department is available for any type of consultation or test.

Chemical Resistances: +++ Excellent / ++ Very Good / + Good / -- Very bad / - Bad / * Consult.

The information contained herein is offered in good faith based on Selena'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 Selena's products are fully satisfactory for your specific applications. Selena'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. Selena FM S.A. specifically disclaims any other expressed or implied warranty of fitness for a particular purpose or merchantability. Selena 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.

TRANSPORT / STORAGE

Keep in a cool, dry place.

Store in its original closed package.

Shelf life: 18 months.

SAFETY AND HEALTH PRECAUTIONS

While curing the product issues methanol. These vapours must not be inhaled for prolonged periods of time or in high concentration levels. Therefore, the working area should be well ventilated.

Due to possible irritation, all contact of the product with eyes or mucous areas must be avoided. If contact occur, rinse the affected area thoroughly with plenty of water and, if necessary, see a doctor. Use gloves. In case of splashing, wash with industrial detergent when the product is still fresh.

DO NOT WASH HANDS WITH SOLVENTS.

For more information request Safety Data Sheet.