

# PATRIOTIS Stone Sealant

Sealant based on modified acrylic resins in aqueous base that cures at room temperature.

## BENEFITS

- Single component, there are no on-site mixing problems.
- Compatible with most of the materials used in construction (concrete, wood, brick, natural and artificial stones, etc.).
- Plastoelastic, does not transmit stresses to the edges of the joint.
- Can be painted or wallpaper within a few hours of application.

## RECOMMENDED USES

- General purpose sealant for joints with less than 10 % movement.
- Sealing of construction frameworks.
- Sealing and filling of cracks in plaster or masonry.

## NORMS / ATESTS / CERTIFICATES

Mark CE

- EN 15651-1 F EXT-INT

Additional information

- "A + Certificate". Product with very low emissions. Determination of Volatile Organic Compounds according to ISO 16000.

## TECHNICAL DATA

Appearance	Value
Homogeneous creamy paste	+
Uncured	Value
Slump resistance (ISO 7390) [mm]	0
Waiting time before painting [h]	> 1
Tack free (BS 3712) [min]	15 - 20
Skin over time (BS 5889 Ap.A) [min]	45 - 60
Application temperature [°C]	5 - 50
Cured, (4 weeks at 23°C and 55% H.R.)	Value
Flexible solid	+
Elastic recovery (ISO 7389) [%]	< 70
Tensile strength at break, ISO 37 [MPa]	0.08
Elongation at break (ISO 8339) [%]	50 - 70
Movement accommodation factor (ISO 9047) [%]	10
Temperature resistance [°C]	-20 a +80
Chemical resistance	Value
UV and Weather resistance	+
Resistance to water	+
Resistance to polluted environments	+

## METHOD OF USE

Prior to application, read safety instruction presented in MSDS.

### Surface preparation

- Surfaces to be sealed must be clean and dry.
- Cement slurries must be removed.
- If necessary, in addition to mechanical means, cleaning with non-grease solvent such as acetone is recommended.
- For porous materials and general construction use it is recommended our PRIMER C-16. (See technical Data)
- At least ½ hour must elapse between the application of the primer and the sealant.
- The width of the joint will be proportional to the movement capacity of the sealant.
- Depth of sealant must be equal to the width of the joint and never less than 8 mm.
- 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.

### Works after completion of application

- Clean tools with water while the product is fresh. The cured material can be easily removed by mechanical means.

### Remarks / restriction

- Can be painted or wallpaper within a few hours of application.
- It is recommended that the paint used be elastic enough to avoid possible cracking.
- Due to the wide variety of paints available, a compatibility test is recommended prior to paint application.
- Do not apply the product when it is raining or there is a risk of immediate heavy rain.
- Do not apply the product with temperatures below 5°C.
- 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 or consult our Technical Department.

## ADDITIONAL INFORMATION

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.

Lifetime: 3 years.

## SAFETY AND HEALTH PRECAUTIONS

Keep out of reach of children.

During its curing the product emits volatile monomers analogous to those of water-based paints.

Therefore, in small spaces, good ventilation must be ensured.

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.