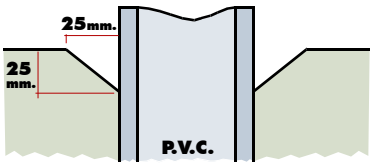
SELLADOR S10

Polyurethane filler with EXTRAORDINARY ELASTICITY: over 800%. Ideal for end EXPANSION JOINTS.

WARNING

Do not use **SELLADOR S10**:

- On wet or dirty substrates or substrates impregnated with grease or repellents.
- On plaster or plasterboard panels without first conducting preliminary tests.
- **SELLADOR S10** contains isocyanates, and must therefore be kept out of the reach of children.
- On absorbent substrates without first applying **IMPRIMACION SELLADOR S10.**



FIELDS OF APPLICATION

1) Perfect, super-elastic sealing in **expansion joints**.
2) Safe sealing of **Rosa Gres Sistema 10®** panels watertightness, adhesion and maximum flexibility:
3) Ideal for use in **extreme cases:** radiant floors, cold storage rooms at -30°C, façades exposed to heat, cold and damp, etc.
4) Ideal for **sealing PVC** wall ducts in public or private pools.
3) Ideal for **sealing fissures** in concrete in pools, tanks, etc.
4) Also suitable for use in **aluminium carpentry, glazing and wooden carpentry**.
5) Its extremely low module makes it **highly elastic** and perfect for application in interiors and exteriors, even those subject to strong vibrations.
6) It is resistant to oil and grease and does not corrode surfaces; **waterproof and prevents the development of fungus**.

TECHNICAL CHARACTERISTICS

SELLADOR S10 is a high quality polyurethane elastomer specially indicated to respond to the technical requirements of the **Rosa Gres Sistema 10®**: adhesion,watertightness, durability and resistance to pool water. These characteristics also make it idea for sealing expansion joints subjected to extreme stress: cold storage rooms at -30°C, radiant floors, façades exposed to hot summers and bitterly cold winters, etc. etc.

On ABSORBENT substrates apply **IMPRIMACION SELLADOR S10 first**.

HOW TO USE

- **Substrate:**
  All contact substrates must be resistant, solid, free from powder, paint, wax, oil and grease and perfectly hardened (on concrete: 4 weeks)

- **Applying the primer:**
  El **SELLADOR S10** can be applied to NON-absorbent substrates without applying a primer (aluminium, glass...), and ABSORBENT substrates after first applying the **IMPRIMACIÓN SELLADOR S10** product (on concrete, mortar, wood, tiles and bricks) • Apply with a brush until the substrate is completely saturated. It is ESSENTIAL to perform this operation EFFICIENTLY.

- **Applying the filler:**
  - Allow **IMPRIMACION SELLADOR S10** to dry from 1 to up to 4 hours.
  - Cut the tip of the tube with a pair of scissors and place the tube inside the special gun for this type of container.
  - Cut the pipe to the required diameter and inclination.

- Apply the product, **ensuring it penetrates** well and **that it comes into contact with the sides** of the joint, concrete or fissure, etc. that is to be sealed.

◆ **Use as a filler for expansion joints:**
Three basic points are recommended:

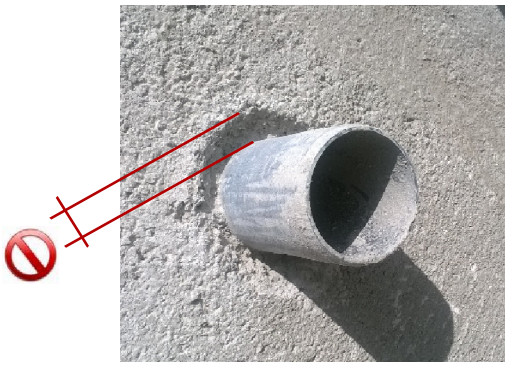
1) The depth of the joint must never exceed its width.
2) It is recommended to make expansion joints of10 to 20 mm in width by 10 mm in depth.
3) If the depth exceeds the recommended 10 mm, fill in the space with **SELLALASTIC FOAM**.

Other useful tips:

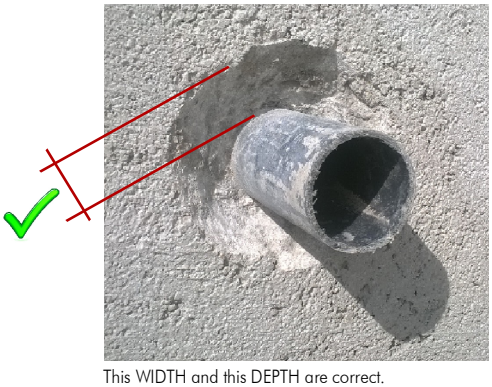
a) If the joint is very wide, apply the filler in three successive applications: the first two near the sides of the joint and the third, in the centre.

b) It can be smoothed using a suitable tool and a little soapy water.

c) It is advisable to use bodywork tape to ensure the perfect finish of the joint.
Remove the tape while the filler is still soft.



Open the area around the pipe in a "V" shape. THIS WIDTH IS INSUFFICIENT!!



This WIDTH and this DEPTH are correct.

CONSUMPTIONS for one EXPANSION JOINT:				
IMPRIMACION SELLADOR S10:	0,2 l./m2 ≈ 0,004 l./ml.			
	Joint width			
	8 mm.	10 mm.	15 mm.	20 mm.
SELLADOR S10: For a depth of 10 mm:	7,4 ml. /tube	6,0 ml. /tube	3,8 ml. /tube	2,9 ml. /tube

TECHNICAL SPECIFICATIONS	SELLADOR S10	SELLALASTIC FOAM
STANDARDS:	EN 15651-1 & EN 15651-4	
PRODUCT:		
• Type:	F-EXT-INT & PW-INT: A highly elastic polyurethane elastromer-based filler.	Closed cell polyethylene foam cord.
• Density:	1,3 g/cm^3	23 kg/m^3 DIN 53420
• Toxicity:	Contains isocyanates: avoid contact with skin. If the product enters the eyes, wash them immediately with water.	Harmless
APPLICATION:		
• Application temperature:	+ 1°C to + 30°C	+ 1°C to + 40°C
• "Skin"-forming time:	15 min. (+20°C-65%hr)	------
• Polymerisation speed:	3 mm. every 24 h. (+20°C-65%h.r.)	------
FINAL PERFORMANCE:		
• Shore A hardness:	40 ± 5	------
• Elasticity module:	0,6 N/mm^2	------
• Lengthening up to breakage:	> 600%	65%
• Elastic recovery:	> 80%	------
• Movement capacity:	15%	------
• Permitted temperature range:	-30°C to +90°C.	-40°C to +60°C.
• Chemical resistance:	to water, clearing agents, occasional contact with oil, hydrocarbons, acids or diluted alkalis.	do not apply with hot asphalt fillers at over +70°C.
• Resistance to UV radiation:	The sensitivity of polyurethane to UV radiation causes a slight deepening of the "colour" of the joint, but without modifying its physical properties.	unlimited
• Resistance to traction:	------	2.2 kg/cm^2
STORAGE:		
• In a dry, ventilated place at temperatures of between +5°C and +25°C (never below +0°C).	12 months from the date of manufacture.	unlimited
PRESENTATION:		
• Supplied in:	600 ml tubes in cement grey.	In grey and sold by linear metres. Available in diameters of 15 mm, 20, 25, 30 and 40 mm.

TECHNICAL SPECIFICATIONS	IMPRIMACION SELLADOR S10
PRODUCT:	
• Type:	Clear polyurethane liquid
• Density:	1.03 g/cm^3
• Toxicity:	Toxic for aquatic organisms. Do not breathe in.
STORAGE:	
• In a dry, ventilated place at temperatures of between 5°C and +25°C:	12 months
PRESENTATION:	
• Supplied in:	500cm^3 containers.