

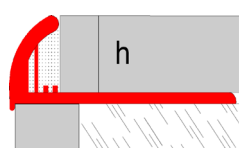


Novocanto® Methacrylate



Novocanto® Methacrylate is a profile made by coextrusion of PMMA (Methacrylate) and PVC. The surface layer is smooth and easy to clean and has a high gloss. Methacrylate protects the profile when it's installed outdoors, providing it with a high weatherability and excellent durability. This features, makes Novocanto® Methacrylate the ideal option for installations in swimming-pools because it doesn't suffer damage when it's installed submerged.

General Features



Material:	Methacrylate (PMMA) + PVC
Lenght:	8ft2in / 2,5 m.l.
Dimensions:	h: 5/16", 3/8", 1/2" 8, 10, 12 mm.
Packaging:	100 u./box
Finishes:	



Applications

Novocanto® Methacrylate is intended to protect the edges of ceramic installations. Due to its visible side made of Methacrylate, this profile can be installed indoors or outdoors, being especially recommended for its installation as **swimming-pool solution**, thanks to its excellent features.

Technical Features

Mechanical

Elongation up to break	2,5 - 5%
Rockwell hardness	In M scale: 92
Tensile modulus	2400 - 3300 N/mm ²
Impact resistance Izod	Entre 16 y 32 J*m ⁻¹

Thermal

Linear thermal expansion coefficient	From 70*10 ⁻⁶ to 77*10 ⁻⁶ K ⁻¹
Working temperature	From -40°F (-40°C) up to 50-90°C (122-194°F) depending on if is a continuous work or not

Physical

Density	1,2 g*cm ⁻³
Water absorption	< 0,2 %
UV resistance	Excellent. It doesn't become yellowish and neither crack.

Chemical

Resistance to chemicals:

Mineral/organic acids	Resistant
Acetic acid	Not resistant
Sulfuric acid bichromatic	Not resistant
Ethyl acetate	Not resistant
Turpentine/alcohol	Partially resistant
Benzol/butanol/ketones	Not resistant
Chlorides	Resistant
Detergents	Partially resistant
Esters	Partially resistant
Ethanol	Not resistant
Gasoline / Glycerine	Resistant
Halogen	Not resistant
Alifatic hydrocarbons	Resistant
Aromatic hydrocarbons	Not resistant
Lubricants/oils (vegetables or minerals)	Resistant
Silicones	Partially resistant
Methanol	Not resistant

Materials

Methacrylate (PMMA) + PVC

Emac® manufactures Novocanto® Methacrylate by coextrusion of PVC and PMMA. The result is a profile made of PVC covered with PMMA. Some of the properties of PVC are: high rigidity, deformation resistance, impact resistance, reduced permeability and high security of performance. Those properties complement the PMMA ones: high resistance to outdoors and UV, high color stability, cleanability and brilliant finish.

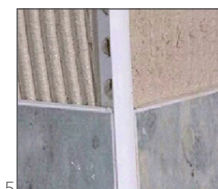
Novocanto® Methacrylate is a suitable profile to place in pools due to its great properties and its geometry smoothly rounded.

Installation



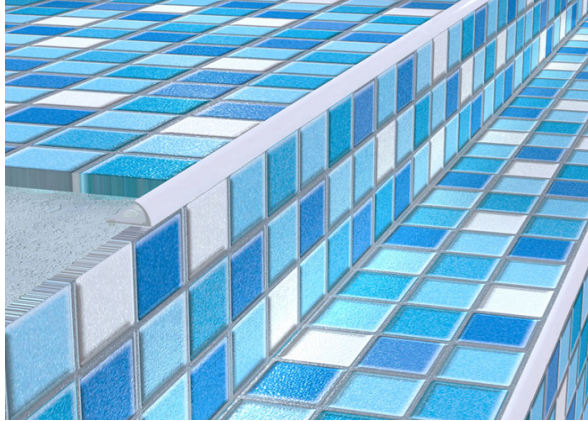
To visualize the video, capture this image with your mobile (QR code reader software is required) or just click on it.

1. Tile one of the walls where you will place the Novocanto® Methacrylate and put a big amount of thin-set mortar on the other wall.
2. Place the Novocanto® on the corner and press it so the thin-set mortar could pass through the holes of the anchoring wing.
3. Place the tiles along the anchoring wing and then press them softly to get an optimal adhesion.
4. Continue tiling until the installation is finished.
5. Clean the possible leftover material and let dry.



To install Novocanto® Methacrylate in swimming-pool stairs, you must follow similar steps of installation. First tile the riser, then extend thin-set mortar on the tread, place the profile and finish the installation with the rest of the tiles.

As a result, we have a profile that protect the edges of ceramic stairs, preventing from possible personal injury derived of broken tiles, sharp edges...



Sample of installation of Novocanto® Methacrylate in a swimming-pool

Cleaning and maintenance

Steel wool, abrasive products or scouring are not recommended because they could cause superficial damage. Clean the material with soap and water and be sure to use a smooth cloth without particle remainings which could scratch the material.

Some alcohols (methanol, ethanol and buthanol) and organic solvents (solvents, cetones) are harmful for the material. That is why they are not recommended.

Technical information

You can find out more information about the technical features of Emac®'s products by downloading its Technical File in www.emac.es.

If you have any query, please contact our Technical Department in tecnico@emac.es.



Outdoors



Indoors



Wall tiling



Flooring