

HYDRO BLUE POOL PUTTY (2 Components)

PRODUCT DESCRIPTION:

Two-component putty, based on solvent-free epoxy resins and selected fillers. It is a high-quality product with excellent chemical and mechanical resistance. Due to its high viscosity (paste-like consistency), it can be applied manually and shaped as needed. Its ability to be applied both underwater and in dry conditions makes it useful as a protective coating, sealant, and more.



RECOMMENDED USE:

Protection of all types of surfaces, whether or not they are subject to continuous or intermittent immersion in fresh or salt water; exposed to highly corrosive environments and aggressive chemicals; as well as to underground or outdoor weathering effects.

Formats:

1/2kg. / 1kg. / 2kgs. /
10kgs. / 50kgs.

Color:

 = ( + )

GENERAL PROPERTIES:

- Excellent adhesion and strength on and between a wide variety of substrates and applications.
- Can be applied on dry or wet surfaces, both in and out of fresh or salt water.
- Unaffected by solvents and greases.
- Easy to prepare and use.
- An ideal solution for unexpected emergency situations in industries, workshops, ships, docks, buildings, pipelines, etc.



TECHNICAL CHARACTERISTICS:

Aspect:	Matte.
Color:	Blue (prior mixing, white and blue).
Specific weight:	1,600 kg./l. (prior mixing).
Proportion (mixture relation):	1 : 1 (Base Component : Hardening Agent) – (White : Blue)
Hardening (Pot-life): (Life length of mixture between kneading and application)	20 min. A 20°C.
Hardening Total (dry):	4 – 6 días a 20°C.
Hardening Total (submerged):	-----
Temperature resistance:	200°C. (Aproximate).
Flexure:	400 δf (Kp/cm ²).
Compression:	1.000 δf (Kp/cm ²).
Theoretical perfomance:	1,600 kg./m ² . (Thickness of 1 mm).

APPLICATION:

➤ PRODUCT PREPARATION:

Mix the base component (White) with the hardening agent (Blue) in equal parts until a homogeneous blue-colored mass is obtained. The purpose of the White (Base Component) and Blue (Hardening Agent) colors is simply to ensure that, once mixed, they produce a clear blue color that confirms the mixture is uniform.

Do not thin the mixture or add any type of solvent. It can be mixed using a mechanical mixer or by hand. If mixed by hand, the use of rubber gloves is recommended. It is also advisable to keep your hands wet during mixing to prevent stickiness and facilitate kneading—this does not affect the product's performance.

Once prepared, the mixture is ready for use and should be applied immediately, as it is a reactive compound and will begin to harden quickly. Only prepare the amount needed for immediate use, as the mixture may become unusable within 20 to 60 minutes depending on ambient temperature. Heat accelerates the reaction.

➤ INSTRUCTIONS FOR USE:

When applied by hand, the use of rubber gloves is recommended, always moistened with water, to minimize stickiness and facilitate kneading for subsequent application.

When working on vertical surfaces, start from the top.

Apply the putty in sections, pressing firmly to ensure better anchoring.

Quickly smooth the surface by hand (always wet) to make the treated area even or shaped as needed.

The putty can be molded to the desired shape and thickness; however, for standard coatings, an optimal thickness ranges between 3 mm and 6 mm.

Make sure the material adheres properly by applying adequate pressure.

The application must be done on completely clean surfaces, free from rust, grease, paint residues, impurities, or any defects that might compromise adhesion or consistency.

It can be applied on dry or wet surfaces, both underwater and out of water.

To clean hands and tools, do so immediately after use with plenty of water and soap—never wait for the product to harden.

OBSERVATIONS:

The purpose of the White (Base Component) and Blue (Hardening Agent) colors is simply to verify a proper mix when a uniform blue color is achieved throughout the entire mass.

SECURITY:

Ensure proper ventilation during application and curing. Avoid inhalation, ingestion, and contact with skin and eyes. If contact occurs, wash the affected area thoroughly with fresh water and soap, and rinse eyes with plenty of fresh water. Seek medical attention in case of eye contact. Keep containers tightly closed and stored in well-ventilated areas. Do not eat, drink, or smoke during application. Use respiratory protection in enclosed spaces. Keep out of reach of children. Do not dispose of waste into drains or sewers.

The results presented in this Technical Bulletin have been obtained in our laboratory and from practical application of the product. Their reproduction under specific conditions of use is not guaranteed. Therefore, unless otherwise specified in a signed agreement by our Technical Staff or Sales Representatives, no responsibility is assumed for the results obtained, or for any direct or indirect damage or loss arising from the use of the product according to our recommendations. This Technical Bulletin is subject to change or cancellation without prior notice.

EDITION, DECEMBER 2023.