

VIAPLUS 7000

Flexible Waterproofing Coating with Synthetic Fibers

DESCRIPTION

Flexible, waterproof, dual component coating based on thermoplastic resins and additive-enriched cements, with the incorporation of synthetic fibers (polypropylene). This composition results in a modified polymer and cement membrane with excellent resistance, flexibility and waterproofing properties.

TECHNICAL CHARACTERISTICS OF THE PRODUCTS

Characteristics	Component A	Component B
Aspect	Liquid	Powder
Color	White	Grey
Aspect of mixture (A+B)	Grey viscous liquid	
Tests	Results	
Min./Max. application temperature	10°C to 35°C	
Minimum interval between coats	4 to 8 hours	
Total cure time	5 days	
	Indoor environment: 7 days	
Useful life of mixture (A+B)	40 minutes	
Watertightness at positive pressure	0.6 MPa	
Tests	Results	Norms
Resistance to adhesion on concrete - minimum	Min. 0.3 MPa	NBR 13528
Resistance to adhesion on masonry - minimum	Mín. 0.3 MPa	NBR 13528

REFERENCE NORMS

ABNT NBR 15885:2010 – Acrylic Polymer membrane with or without cement, for waterproofing.
 ABNT NBR 9575:2010 – Waterproofing – Systems and Projects.
 ABNT NBR 9574:2008 – Execution of Waterproofing.

ADVANTAGES

- Easy application, with broad brush or broom.
- Excellent flexibility performance.
- Can be applied on concrete, masonry, mortar and plasterboard (drywall).
- Does not alter the potability of water, is non-toxic and colorless.
- Resistant to high positive hydrostatic pressures.
- Permits direct application of coatings in bathrooms, kitchens and laundry areas, without the need for mechanical protection.
- Because it contains synthetic fibers, the use of polyester netting is necessary only in areas that require reinforcement.
- Adjusts to structural shifts and fissures foreseen in Brazilian Norms.

UTILIZATION

Viapulus® 7000 is indicated for the waterproofing of areas constantly subject to the presence of water or permanently moist, such as:

- Dual system with **Viaplus® 1000** or **Viaplus® Top** and **Viaplus® 7000** for raised or supported potable water concrete reservoirs.
- Dual system with **Viaplus® 1000** or **Viaplus® Top** and **Viaplus® 7000** for sunken concrete structures like swimming pools and reflecting pools.
- Internal plasterboard walls (drywall).
- Cold raised areas like bathrooms, kitchens, laundry rooms, service areas, lavabos, etc.
- Balconies, terraces and covered gourmet verandas.

For other uses consult the Technical Department (sac@viapol.com.br).

USAGE INSTRUCTIONS

Preparation of the surface

The substrate should be clean, with no loose or unattached parts, laitance, oils, release agents or any type of substance/material that can hinder adhesion. In the case of concrete structures, we recommend washing with a steel brush and water or high pressure water jet.

The concreting voids and flaws should be treated with cement and sand mortar, ratio 1:3, kneaded with a solution of water and **Viafix®** adhesive emulsion in a 2:1 proportion by volume, or with **Eucorepair® VI 60** or **Eucorepair® V50**.

The drainpipes should be treated with **Viapoxi® Adesivo Tix** in the concreting phase.

In reservoirs and sunken swimming pools, apply 2 coats of **Viaplus® 1000** or **Viaplus® Top** on the moist substrate, allowing to dry for 2 to 6 hours between coats (see relevant catalogues). The purpose of this application is the filling and sealing of substrate pores.

Preparation of the product

The product is supplied in two components.

Component A (resin) – Thermoplastic resins and special additives.

Component B (grey powder) – Special cements containing waterproofing and plasticizing additives and incorporated synthetic fibers (polypropylene).

Slowly add component B (grey powder) to component A (resin) and mix mechanically for 3 minutes, dissolving any lumps that may form, to obtain a homogeneous paste.

Once components A and B have been mixed, the resulting mixture has a maximum useful life of 40 minutes, at an ambient temperature of 25°C. We do not recommend use of the mixture after expiry of this interval.

Under no circumstances should any water be added to the **Viaplus® 7000** mixture.

Tools

Broad brush or broom.

Application of the product

Moisten the surface well and apply the necessary number of coats for each case, according to the consumption chart.

Mix the product constantly during application. Apply **Viaplus® 7000** with a wide paint brush or suitable broom.

Allow to dry for a minimum of 4 hours between coats. Apply subsequent coats in a transverse manner, in uniform layers, or, depending on the ambient temperature, until the specified consumption has been reached. The interval between coats is 4 to 8 hours.

At skirting, concreting joints, and cornice trims, reinforce the **Viaplus® 7000** with **Resinated Mantex®** between the first and second coats

Spread dry sifted sand before the last coat of **Viaplus® 7000** is dry for better anchoring of the mechanical protection mortar or final coat.

Wait for the product to cure for a minimum of 5 days prior to the watertightness test and execution of the mechanical protection. In the case of reservoirs in closed/indoor environments, wait for a minimum of 7 days.

Recommendations

After total cure of the product in reservoirs, wash with soap and water, using a brush, prior to the first load of water meant for human or animal consumption.

Prior to applying the waterproofing system in concrete reservoirs, carry out the water load test for a minimum of 72 hours for accommodation of the structure. Check for the possible appearance of cracks and fissures that may occur when total loading occurs.

We recommend the use of mechanical protection mortar on the floor of water reservoirs due to the cleaning services to which these areas are subjected.

Do not exceed an interval of 3 hours between applications of **Viaplus® 1000** or **Viaplus® Top** and **Viaplus® 7000** in order to avoid delamination between layers of the products.

If the final coating is to be laid over **Viaplus® 7000** waterproofing, use AC III adhesive mortar.

MECHANICAL PROTECTION

Horizontal

Execute the mechanical protection mortar of cement and sand, proportion 1:3, levelled to a minimum thickness of 3 cm.

Vertical

Over the waterproofing, execute cement and sand roughcast, ratio 1:2, followed by execution of evened cement and medium sand mortar, ratio 1:3, using kneading water composed of 1 volume of **Viafix®** adhesive emulsion and 2 volumes of water.

USAGE RESTRICTIONS

Do not use the product on:

- Uncorrected fissured structures.
- On smoothing paste that contains lime or water repellent. If necessary, substitute with **Viacal®**;
- Cantilevered slabs and slabs exposed to inclement weather.
- Areas exposed to inclement weather.
- Product formulated for potable water reservoir or water treatment station, do not use when pH is less than 6.0.
- Product not recommended for active water table.
- We do not recommend application of coating directly over waterproofing in the case of heated swimming pools.
- We do not recommend application of coating in excess of 10x10 cm directly on swimming pool waterproofing.
- We do not recommend application of coating directly on waterproofing of swimming pools with no-grout joints.
- We do not recommend application of coating directly on waterproofing with joints smaller than 3mm.
- We do not recommend application of non-conventional coatings directly on waterproofing.

CONSUMPTION

Viaplus® 7000	Consumption
Cold areas (kitchen, lavabo, bathroom, service area, manifolds)	3.0 kg/m ²
Small balconies and terraces	3.0 kg/m ²
Sunken reflecting pools	3.0 kg/m ²
Sunken, supported and raised reservoirs	4.5 kg/m ²
Sunken concrete swimming pools	4.5 kg/m ²

Note: Consumption may vary depending on type of substrate.

Approximate Yield

Viaplus® 7000	Packaging	Yield*
Cold areas (kitchen, lavabo, bathroom, service area)	Box 18 kg	6.0 m ²
Small balconies and terraces	Box 18 kg	6.0 m ²
Sunken reflecting pools	Box 18 kg	6.0 m ²
Sunken, supported and raised reservoirs	Box 18 kg	4.0 m ²
Sunken concrete swimming pools	Box 18 kg	4.0 m ²

Note: Yield may vary depending on type of substrate.

PACKAGING / STACKING

Packaging	Stacking
Box 18 kg	Maximum 4 units

Obs.: Stack packaging on Madeirit to avoid contact with floor or soil.

VALIDITY / STORAGE

9 (nine) months from date of manufacture, in original intact packaging, in a covered, dry, well ventilated location, far from sources of heat. Maximum storage temperature: 25°C.

SAFETY RECOMMENDATIONS

Prior to starting work consult the SISP (Safety Information Sheet for Chemical Products) of the products, available on our site: www.viapol.com.br

Use adequate PPE such as gloves, facial protection mask, waterproof boots and safety eyewear.

Keep the product out of the reach of children and domestic animals.

In case of contact with the skin, wash the region with neutral soap and water.

In case of contact with the eyes, wash copiously with potable water for at least 15 minutes and seek medical assistance.

In the eventuality of irritation of the skin, the eyes or ingestion of the product, seek medical assistance, citing the type of product involved.

In case of ingestion do not induce vomiting and seek medical assistance immediately.

ENVIRONMENTAL PRECAUTIONS

Do not discard products or packaging carelessly. Dispose of materials/residues in an appropriate location in accordance with regulations based on local environmental legislation in force. Do not reuse empty packaging.

For more details, please consult the safety information sheet (SISCP) for **Viafix, Viacal, Eucorepair V50, , Eucorepair VI 60, Viaplus 1000, Viaplus Top, Viaplus 5000, Viaplus 7000, Pó 2, Resinated Mantex and Monopol PU 25 PLUS** or for the products cited on our site at www.viapol.com.br

Note: The information contained in this datasheet is based on our best knowledge and is provided for your help and guidance. We need to point out that the performance of our products depends on the preparation condition of the surface and the storage and application of the product, factors not subject to our control. The consumption of the products in practice depends on the application technique, the condition of the equipment used, and the surface to be coated. We do not, therefore, accept any responsibility of any nature regarding the consumption and performance of our products arising from inadequate storage or use of the products. For further clarification please consult our Technical Department.

Viapol reserves the right to alter the specifications and/or information contained in this datasheet without prior notice.