

# RESITOP ACRYLIC PAINT SYSTEM DATA SHEET

(on porous concrete)



- **DEFINITION**

Water-based acrylic paint system, with high resistance to friction, abrasion and impacts. High resistance to weather, UV rays and other meteorological agents. It is offered in a range of fully lightfast colours. Impermeable and breathable to water vapour, it allows exudation of the surface. It has a certain elasticity to move with the surface in its natural movements.

Designed to guarantee maximum resistance, safety and durability.

## AREAS OF APPLICATION

Outdoor and indoor use.

Painting of sports surfaces, such as porous or draining concrete floors, fronton walls, padel tennis court walls, bike lanes, etc.



Manufacture and distribution of water-based  
paints, acrylic resins and fillers

Due to its abrasion resistance, this paint can withstand the traffic of both pedestrians and light vehicles.

For the protection and decoration of facades, walls and party walls, even those exposed to strong sunlight or heavy rain.

Applicable to the most common materials used in construction (concrete, fibre cement, cement mortar, asphalt, natural stone, artificial stone, brick, tiles, plaster and its derivatives, etc.).

- **GENERAL CHARACTERISTICS**

0.1 to 0.2mm thick, continuous, coloured coating with smooth and soft finish for indoors and outdoors.

For areas with pedestrian traffic and light traffic at low speeds.

- **SURFACE PREPARATION**

The surface must be clean, dry and free of grease stains.

On excessively polished or smooth surfaces, sand to open the pores. If necessary, prime with appropriate products.

On previously painted surfaces, remove old paint in poor condition or with poor adhesion. Gloss paints must be made matte by sanding. Use PATCH BINDER primer on soft or sandblasted surfaces to strengthen the surface and even out absorption.

On surfaces with mould, remove it and treat the surface with fungicide products to prevent its future appearance.

To seal fissures or cracks, use PATCH BINDER mortar.

To apply the product on cement or cement-based surfaces, wait until it has fully set (minimum 30 days). On continuous concrete floors, prime with EPOXOL matte, an epoxy primer, to create suitable bonding.

- **LAYING AND INSTALLATION**

Apply within a temperature range of 10 to 35 degrees Celsius.

Do not apply if there is an imminent risk of rain, and always apply to dry, cured surfaces.

Do not apply a coat if the previous coat is not dry, and use clean water to make mixtures; tools and utensils must be cleaned with water.



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- **SYSTEM COMPONENT PRODUCTS**

### **PATCH BINDER**

Cement modifying acrylic resin, mixed with sand and cement, used to repair cracks and fissures, as well as potholes.

Diluted in water, it is used as a primer coat for consolidation of the surfaces to be repaired.

Consumption as primer 0.100kg/m<sup>2</sup>. Application by roller, brush, airless spray or any other spraying method.

### **EPOXOL MATTE**

Highly pigmented water-based emulsion epoxy paint used as a primer coat in its matte version. We use it when painting continuous concrete finishes to create a strong and durable bonding layer that ensures optimal subsequent anchoring of the Sport Line acrylic paint.

### **SPORT LINE ACRYLIC**

Water-based acrylic paint for indoors and outdoors, in a highly pigmented emulsion used as a paint layer or coating for protection and decoration of the most common surfaces used in construction. (concrete, fibre cement, cement mortar, asphalt, natural stone, artificial stone, brick, tiles, plaster and its derivatives, etc.).

Suitable for painting of sports surfaces, such as porous or draining concrete floors, fronton walls, padel tennis court walls, bike lanes, etc.

Apply two coats of SPORT LINE ACRYLIC at a proportion of 0.200kg/m<sup>2</sup> for the first coat and 0.150kg/m<sup>2</sup> for the second. Can be applied with a brush, roller, spray or airless spray.



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- **PROPERTIES OF THE FINISH SYSTEM**

**Approximate thickness**.....0.1 to 0.2mm

**Taber abrasion resistance UNE 48250**

H22 grinding wheel rubbing – 1000 cycles.....77mg

**Nature:** Acrylic dispersions.

**Appearance:** Semi-matte.

**Texture:** Smooth.

**Colour:** See colour chart. Consult us for other colours.

**Odour:** Weak characteristic odour.

**Density:** 1.41 +/- 0.01g/cm<sup>3</sup> (23°C). (UNE-EN ISO 2811-12016)

**Viscosity:** 22560 Cp Brookfield method. (UNE-EN ISO 2555:2000)

**Non-volatile matter:** Dry extract 63% (UNE-EN ISO 3251:2008)

**Drying:** 2-3 Hours to the touch (23°C-25°C).

**Recoating:** 4-5 Hours.

**Curing:** Paint fully cured after 20 days.



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- **GENERAL OBSERVATIONS**

The application of the products that make up the system must be carried out by specialised personnel. Improper application due to lack of equipment or installation in adverse conditions may lead to premature aging.

The resins must be dried and polymerised in dry weather and always at temperatures over +10 degrees Celsius.

They will be put into service within fifteen days after application of the final layer. This ensures full polymerisation of the resins in all layers.

In repairs resulting from movement of the slab, it cannot be guaranteed that these defects will not be reproduced in the new paving.

Observe current occupational safety and hygiene measures.

Dispose of waste by hiring an authorised manager.

Use appropriate protective equipment, avoiding contact with skin and eyes at all times.

Consult the product safety data sheets in case of doubt.

Containers must be stored in a covered area, protected from frost and high exposure to sunlight.

