

Self-leveling Epoxy Coating

RREVEST® RAD

PRODUCT

RREVEST® epoxy coating system is highly flowable, self-leveling, mineral fillers selected compound of high hardness. When applied, form an impermeable glassy layer and high abrasion resistance.

RREVEST® has great grip and protects concrete, restructuring damaged and worn floors.

SEGMENTS OF USE

- Floor coating requiring high resistance to abrasion, impact and chemical resistance;
- Industrial floors;
- Commercial Floors;
- Floor aseptic needing protection;
- Industries: pharmaceutical, food, hospitals, among others.

APPLICATION

For good adhesion and satisfactory result, the surfaces must be free of moisture, dust, grease, oil or debris from previous paintings. New concrete floors: surfaces must be hard as a shell, the minimum age of 28 days and less than 5% relative humidity.

Smooth floors: must be sanded with sandpaper # 60 or polished with diamond disc to open porosity.

Before applying RREVEST® on floors they must be corrected cracks and / or fissures with RR1970®.

Apply RREVEST® steel trowel and then go immediately roll bubbles, sticking follows: a primer and coating RREVEST®. The primer using RR PRIMER®.

Painted floors: be sanded with abrasives until the surface is rough or total removal of the old paint.

MIXTURE

RREVEST® AN2 - 2 parts (A - base) + 1 part (B - hardener) + part (load C - high hardness).

RREVEST® AN4 - 2 parts (A - base) + 1 part (B - hardener) + part (load C - high hardness).

We recommend the use of a propeller attached in a low speed drill (400-500 rpm) is recommended to mix the product to be homogeneous.

PROCESS

1 - mixing resin (A) separately until the full aperture of pigment / color;
2 - Add the hardener (B) and mix the two parts (A + B) for a period of approximately 1 minute.

3 - Add the burden of high hardness (C) slowly for 2 to 3 minutes to be homogeneous.

Warning: The product should not be split.

Caution: Product must not be fractionated, stoichiometric balance defined.

NOTE: The product must be applied by licensed or certified professionals.

For cleaning tools, use solvent.

THEORETICAL COVERAGE

RREVEST	Thickness	Yield	Packaging
AN2	1,0 mm	1,650 Kg/m ²	Kit 24 Kg
AN2	2,0 mm	3,300 Kg/m ²	Kit 24 Kg
AN4	3,0 mm	5,850 Kg/m ²	Kit 39,5 Kg
AN4	4,0 mm	7,800 Kg/m ²	Kit 39,5 Kg

Note: Performance may vary depending on floor leveling.

Consumptin (kg/m²) = Area (m²) x thickness (mm) x density (g/cm³).

ADVANTAGES

- Easy application;
- Glassy finish and smooth appearance;
- Monolithic and raincoat;
- Excellent chemical and mechanical resistance;
- Excellent abrasion resistance;
- High aesthetic performance;
- Floor with aseptic protection;
- Easy cleaning;
- Meets LEED standard.

CHARACTERISTICS AND PERFORMANCE

Color	White and colors
Volume solids content	100%
Adhesive Strength	3 Mpa
Compressive strength	at 7 days 50 Mpa
Density – AN2	1,65 g/cm ³
Density – AN4	1,95 g/cm ³
Application temperature	10°C to 30°C
Driving time	30 to 40 min.
Clearance for light traffic	24 hours
Release for heavy traffic	7 days
Full Cure	7 days

The product meets the NBR 14050 of ABNT - type 2

CLEANLINESS AND SAFETY

Use protective glasses and rubber gloves. Direct contact with the skin should be avoided (can cause irritation). In case of contact with the skin or eyes, wash immediately with abundant water and consult a doctor (inform type of product). Keep out of the reach of children and animals and sources of heat.

STORAGE

RREVEST® AN1 and AN4 should be stored in a dry and ventilated location at a temperature between at 21°C to 23°C (70°F and 73°F).

VALIDITY

9 months in original unopened package.

TRANSPORT

It is classified as no dangerous cargo. The product is not flammable or explosive. The product is not considered toxic, but unfit for human consumption.