



TECHNICAL INFORMATION RWP100

RWP100 – THE SOLUTION FOR NORMAL SURFACES

RWP100 - two component paint system with **water**

RWP100 applies to interior and exterior walls, new or already painted, preferably mineral based to allow the wall to breathe through as well as bitumen roofs.

Mineral base (patent pending formula)
Increased weather resistance
UV resistant, anti-static and acid resistant
No film formation
Free from solvents

APPLICATION

RWP100 applies to interior and exterior walls, new or already painted.
Exterior **facades, living rooms, ceilings, bedrooms and cellars**, also **bitumen roofs**

PRODUCT FEATURES

Mineral base (patent pending formula)
Increased weather resistance
UV resistant, anti-static and acid resistant
No film formation
Gloss level matt
pH value approx. 8

Per 1 KG covers 8 -10 m²

Colors only with micronized stones/minerals - color samples available

PROCESSING

Spray pre-treated surface with high pressure and / or clean (surface must be free of loose parts, dirt, grease, moss, algae).

Repair missing parts with suitable repair tools and materials.

Pre-treatment with primer NOT required

Prepare the paint according to the instructions (on the packaging):

Add a 1 KG bucket of RWP100 to 0.6 liters of water and mix by machine (with a drill) until a smooth mixture

Always stick to the correct ratio:

1 KG RWP100: 0.6 LITERS of water

Since it is a fresh product, prepared paint should be applied within 1.5 to 2 hours

After 2 to 4 hours the paint hardens.

Apply a minimum drying time of 12 hours between the first and second coat

Total drying process is 4 – 8 weeks

After 8 weeks the paint is cured – at 20oC and 65% RH

Do not flush paint into the sink or drain; let it harden and dispose of with household waste

Block brush and roller (can be sprayed if necessary)

Not below 5oC and above 25oC

Make sure to fully 'paint-out' the brush/roller before rinsing

Clean tools with water immediately after use

PACKAGING 1 KG, 4 KG

STORAGE In closed packaging
Heat and cold resistant

HAZARD CODING Keep out of reach of children
Protect from moisture
Avoid breathing dust/fume/gas/mist/vapours/spray
Wear protective gloves/clothes
In eyes, rinse with water for several minutes (take contact lenses out)
Get medical advice/attention

TRANSPORT CODING None

WASTE Only offer empty, dried packaging for recycling

SAFETY REGULATIONS Protect surfaces not to be treated (such as glass, natural stone, ceramics, wood, etc.) with proper precautions. Remove splashes from surrounding surfaces and floor immediately with water.

PERFORMANCE TESTS Summary of the test results of samples at COT Haarlem:

Test method	Pass / Fail
Spreading rate ISO 6504-3	Pass
Resistance to water ISO 2812-3	Pass
Adhesion ISO 4624 Method B.	Pass
Weathering test ISO 11507	Pass
Water vapour permeability ISO 7783	Pass
Water permeability EN 1062-3	Pass
Alkali resistance ISO 2812-4	Pass
Wet scrub resistance ISO 11998 after 8 weeks dry time	Fail
Wet scrub resistance ISO 11998 after 8 weeks conditioning at 20°C and 65% RH	Pass

In case of doubt about the substrate and/or the processing, consult the website www.rawpaints.com or call +31 (0)611397897. We guarantee the quality of our products, but cannot accept any liability in connection with their processing.

ADVANTAGES RAW PAINTS' PRODUCTS

UNIQUE FORMULA

The natural raw materials processed in RAW Paints paint powder systems form the basis for the unique paint powder formula. The principle of this formula is based on a "coating" of the mineral paint with the substrate. A solid mineral and insoluble connection is created with the paint carrier (plaster, concrete, brick, natural stone, etc.). The cross-section of a paint layer with RAW Paints shows this fossilization process, also known as silicification.

ADHESION TO DAMP SURFACES

The products of RAW Paints adhere well to damp surfaces which prevents peeling. Many people are unaware that moisture is the problem of why paint cannot adhere; the painter can carry out a moisture measurement so that it becomes clear which paint can best be used.

ZERO VOC – ZERO PESTICIDES – ZERO TITANIUM DIOXIDE

VOC or Volatile Organic Compounds are part of all solvents contained in a product. VOCs are the most damaging fast evaporating solvents for the environment and the health of the people who work with the product.

Pesticides are needed to keep paint preserved in the can. They are harmful for the environment and the health of the people.

Titanium dioxide (TiO₂) is classified as potential carcinogen for producers of paint as well as applicants by the European Commission. As of October 2021 all paints containing TiO₂ have to label their products with a warranty 'can cause cancer'.

CO₂ REDUCTION:

Because of the adhesion, painting with RAW Paints ensures a longer maintenance-free period. The products are zero-VOC and therefore healthier. And no unnecessary water is used in the production process as well as in the transport of the product. Just add water!

EFFICIENTLY PACKED:

By not packaging paint in cans but in bags, we ensure efficient transport.

SUPPORTING IMAGE MATERIAL **

STEP 1



STEP 2



STEP 3



STEP 4



World goals are achieved through the use of RAW Paints' products:



** In case of RWP100, water is added; above images relate to the creation of RWP028 i.c.m. PLUS. The principle is the same.