

**Anti-corrosion epoxy primer RANAL****Description:**

Two-components grey primer to be applied by a spray gun. One of the components is produced on the basis of epoxy resins and special fillers. The other component (the hardener) is produced on the basis of aliphatic amines. Due to the use of high quality resins and special components, this primer is corrosion resistant and has very good isolating properties. To be used in renovation car repairs for undercoating new constructions. Recommended especially for intensively operated lorries and buses. It can be used with or without grinding (wet on wet). It is a perfect primer guarantying durability and ideal appearance of the lacquer coat. External coat can be applied straight on this type of primer.

**It can be used on the following surfaces:**

- Steel
- Galvanized steel
- Stainless steel
- Aluminium
- Polyester putties RANAL
- Old paint surfaces (except thermoplastic paints)
- Polyester laminates

**Mixing ratio:**

Epoxy primer	1 part
Hardener	1 part

*Do not use additional thinners.*

**Attention!** *Do not pour the product mixed with hardener back to the package with unused primer.*

**Pot life:**

About 3,5 -4 hours in the temperature of 20°C.

**Surface preparation:**

The surface should be degreased and devoid of dust, milling remains and rust.

**Hardening time:**

12-12,5 hours in the temperature of 20°C or 45 minutes in the temperature of 60°C.

**Viscosity, nozzle, working pressure:**

After mixing with the hardener product is ready for application.  
DIN 4/20°C 18-20 s, Ø1,2-1,5mm, 3-4 bar

## Real level of Volatile Organic Compounds (VOC):

For the product ready for application – 690 g/L

## Instruction for use:

With grinding: Apply two – three single wet coats. In order for the thinner to evaporate, wait for about 10 – 15 minutes after applying each coat. Evaporation time depends on the thickness of the coat and external temperature.

Wet on wet: Apply two single wet coats. In order for the thinner to evaporate, wait for about 10 – 15 minutes after applying each coat. Evaporation time depends on the thickness of the coat and external temperature. Next coats shall be applied within 12 hours, otherwise grinding of the coat is necessary.

## Thickness of the coat:

Thickness of a single coat is equal to 25-35  $\mu\text{m}$ . In order to obtain adequate anticorrosion protection, total thickness of the epoxy primer should not be inferior to 50  $\mu\text{m}$ . If applied in at least three coats, the primer can constitute an independent protective coating.

## Theoretical efficiency:

The set (0,8L of the primer + 0,8L of the hardener) allows to obtain about 6,5<sup>2</sup> of the dry coat of thickness equal to 60  $\mu\text{m}$ .

## Colour:

Grey.

## Tools cleaning:

Nitro.

## Storage:

To be stored in dry and cool place, away from the sources of light and heat. Avoid sun exposure. Storage time of the product in the original package is equal to 12 months, and of the hardener – 12 months in the temperature of 20°C.

## Health and safety recommendations:

Apply safety data sheet of the particular product.

## Packaging:

Art.Nr	Capacity, L:	Package, pieces:	Weight of the carton, kg
10601-2	0,8 + 0,8	4	8,10
10602-2	10,0 + 10,0	1	26,60

This information is based on careful, laboratory research and our long-standing experience. Strong market position does not absolve us from constant control of the quality of our products. However, we are not responsible for the final results after incorrect use of the product.

RANAL Sp. z o.o.