



N.V. DOTHÉE S.A.

# RD-HYDROPOX

## DESCRIPTION OF THE PRODUCT

- USE:** RD-HYDROPOX is a waterborne two component epoxy paint for indoor application.
- FEATURES:** RD-HYDROPOX is a professional coating.  
Without solvents – Easy to clean – High abrasion resistance – Resistance against solvents, oil and fuel.
- SUBSTRATES:** Specially developed for garages, car parking's, workshops, shopping centre, floors and walls in concrete, drainage channels, water storage tanks, etc.  
Can be applied on virtually any concrete surface, floors and walls.  
Can be applied on metal, provided that this was primed by an adhesion of anti-rust primer such as RD-MULTIPRIM or RD-METAL UNICOAT.
- SYSTEM:** Mixing:
- The hardener should be added to the base. Then, mechanically mixing preferably with a drill equipped with a paint-mixing rod. The two components are mixed long enough until a homogeneous, single-colour mass is obtained. This is taking about 3 min for a 15 Kg packaging.
  - After mixing for about 5 min let it rest to let the product cool down and to avoid formation of air bubbles.
- On a normal concrete surface: apply at least two coats of RD-HYDROPOX with a total consumption of 600 g/m<sup>2</sup> for the two coats.
- On a porous surface: apply a first coat of RD-HYDROPOX diluted with 10% water. Finish with a second coat of RD-HYDROPOX.
- Pot life: max. 2 hours.  
The waiting time between the two coats is, at 10°C minimum 24 hours and maximum 48 hours and at 20 °C minimum 12 hours and maximum 48 hours.  
Two component epoxy coatings need 72 hours at a 20 °C substrate temperature in order to achieve maximum mechanical properties. For the fully chemical resistant properties 7 days are required at 20 °C substrate temperature.  
This means that during this time no liquid, including water, is allowed.



## APPLICATION INSTRUCTIONS

PREPARATION OF THE SUBSTRATE:	The substrate has to be degreased, dry and free of dust
APPLICATION CONDITIONS:	Ambient temperature: > 10° C R.H./ max 80 %
APPLICATION MEANS:	Brush, roller or airless-spraying equipment (nozzle opening: 021-023)
DILUTION:	Water
CLEANING OF TOOLS:	Water
CONSUMPTION:	200 to 300 g/m <sup>2</sup> per coat
PARTICULARITIES:	The hardener and the base are mixed completely. Due to the major difference in viscosity of the two components, the edges and the bottom of the packaging (cans) should be scraped off and this should be mixed very well. Poor mixing can lead to damage, such as bubbles, bad curing, soft or flat spots.

## TECHNICAL DATA

FINISH:	Satin gloss
COLOURS:	See colour chart, RAL or NCS colours
SOLIDS CONTENT:	Weight: ca. 65 % Volume: ca. 50 %
VOC CONTENT:	Max 0g/L
DENSITY:	Ca. 1.45
FLASH POINT:	Not flammable
VISCOSITY:	40 - 70 P (Brookfield – 20 Rpm)
DRYING TIME:	On touch: after 8 hours Recoatable: after 24 hours Final hardness after 7 days
PACKING:	4kg – 15kg
STORAGE STABILITY:	12 months in a frost-free place

## SAFETY DATA

The safety data sheet is available on request.

These specifications are given for information. Since the manufacturer is not able to check the right application of the products, he cannot accept any responsibility for it. This technical data sheet replaces all previous editions.