

CAT. NO. CONREP-09-2010

ISOPOX WP

Epoxy Putty

ISOPOX WP is a two component, 100% solids, solvent free epoxy system. It has a thixotropic, mastic consistency and specially designed for levelling uneven surface and blow holes on concrete surfaces. It can also be over coated with POXILON or POXILON-S epoxy coating system.

USES

ISOPOX WP is specially designed to level and smoothen surface imperfection, voids and rough spots in concrete and other cement-bound substrates.

ADVANTAGES

- Ready to use just mix at the site.
- All fines formula – can be applied from 0.1 to 1mm thick.
- Can be applied on damp surface.
- Resistant to a wide range of acids, alkalis and industrial chemicals.
- Waterproof – cured surface is water impermeable.
- Excellent adhesion to concrete, wood and metal surface.

TYPICAL PROPERTIES

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|------------------------------------|---|
| • Density | 1600 kg per cu.m. |
| • Solids | 100% |
| • Pot life at; | |
| - 25°C | 60 minutes |
| - 35°C | 30 minute. |
| • Initial Hardness; | |
| - 25°C | 24 hours |
| - 35°C | 16 hours |
| • Full Care | 5 – 7 days |
| • Compressive Strength
@ 7 days | 65 N/ Sq.mm |
| • Water absorption | 0.10% |
| • Theoretical Coverage | 1.25 square meter per kg at 0.5mm thick.
(Note : Theoretical coverage only applies to a smooth, level surface and will be lesser depending on the surface irregularities). |
| • Chemical Resistance | Resistant to petrol, oil, salt, dilute acid, alkalis, hydrochlorides, solvent etc. For specific chemical resistance chart, please consult ISOLA. |
| • Mix ratio, by volume | Part A 2 parts
Part B, 1 part |

SURFACE PREPERATION

Surface should be clean, preferably dry, and free from oil, grease, coating, curing/sealing compound and other foreign material.

MIXING

The part B component is mixed with the Part A component thoroughly until a uniform grey color consistency is attained. For small repairs, part A and B can be mixed volumetrically at 2:1 ratio respectively.

APPLICATION

ISOPOX WP should be applied by trowel, or putty knife. When levelling surface irregularities, apply **ISOPOX WP** using putty knife working the putty well to achieve maximum adhesion and minimum thickness. Depending on degree of irregularity, it may be necessary to apply putty in multiple coats. Succeeding coats should be applied as soon as the first coat has dried. Any ridges or knife marks remaining should be immediately rub down using carborundum or emery paper as soon as the final coat has dried.

If the putty is to be over coated with epoxy coating such as POXILON or POXILON-S, the top coat should be immediately applied as soon as possible within 48 hours.

If the time interval is exceeded the putty should be rub-down with emery paper or carborundum.

CLEANING

Tools should be cleaned with ISOKLEEN while the putty is still wet.

PACKING

ISOPOX WP is available in 2.5 Kg kit.

PRECAUTIONS

Always use protective rubber hand gloves, eye goggles and coverall when using this product. If accidentally spilled on the skin, wash immediately with soap and water. Refer to MSDS for more information.

SHELF LIFE

Twelve months in original, unopened container stored in warehouse, condition below 30⁰ Celsius ambient temperatures.

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Technical information, data are to be considered as typical values and not sales specification. Actual measured values may vary due to factors beyond our control. Indications concerning function and application of the products are empirical. Although the information is believed to be accurate, there is no warranty by ISOLA. None of the recommendations becomes part of the warranted quality of the products. Due to the fact that the conditions of individual use are beyond ISOLA's direct and continuous control, ISOLA disclaims all responsibility in connection with the use of its products and does not warrant against any loss direct or consequential.

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