

O.R.A. ANTI – RAIN

Solvent-based transparent liquid waterproofing

Clear coating easy and quick to apply, suitable to waterproof already paved surfaces without removing it. Suitable for the elimination of infiltrations of water, acids, oils, vapours, grease and moulds between bricks, tiles etc. It is suitable all areas exposed to atmospheric agents (terraces, balconies, surfaces made of stone or *terracotta* tiles, external paved surfaces). It is very easy to apply by roll, brush or airless, for the do-it-yourself market. It can be applied both during winter and summer and it does not alter the aspect of the floor.

BENEFITS

- Do-it-yourself solution.
- Easy and quick application.
- Multipurpose.
- Clear.
- It gives shine back to the floor.
- It eases the surface cleaning.
- It can also be applied during winter season (up to +5°C/+41°F).
- Resistant to weathering agents.

YIELD

0.20 L/m² - 203.73 ft²/gal.

COLOUR

Transparent.

PACKAGING

5 L (1.32 gal) metal bucket.
Pallet: n° 20 boxes - 5 pieces each (500 L – 132 gal).

APPLICATION FIELDS

The product is designed to protect floors and joints from water infiltrations, which can cause moulds, efflorescence and severe damaging to structures. *O.R.A. Anti-rain* protects the surface from greases, oils and salts penetrations. Product for outdoor applications.

STORAGE

Store the product in well ventilated areas, in its original containers tightly closed, away from sunlight,

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water and ice, at temperatures between +5°C and +35°C (+41°F and +95°F).
Storage time 12 months.

PREPARATION OF THE SUPPORT

Tiles

Old floorings must be resistant enough, well bonded to the support (otherwise remove them and fill them with concrete mortar) and do not show traces of detaching substances like greases, oil, chemicals etc. on the surface.

Before laying the product, the flooring must be carefully cleaned with a nitro diluent.

O.R.A. Anti-rain must be applied on clean and dry supports, without rising damp.

Where necessary, fill joints with a suitable plaster.

The surface to be treated must be without water stagnations, as well as regular and not damaged.

According to the wide range of tiles that can be found on the market, it is recommended to perform a test to verify the perfect product adhesion.

Before product application, it is recommended to cover anything that will not be coated.

MIXING

O.R.A. Anti-rain is one-component and ready to use. Mix the product before the application. Do not dilute and never add other substances to the mixture.



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APPLICATION

1. Clean carefully the substrate with a nitro diluent.
2. Apply a first abundant coat of product by brush, smooth roll or airless, taking care to completely cover the surface.
3. Generally, 2 layers of application are enough for a complete waterproofing. Between the two layers, 4 hours will be fine (+23°C/+73.4 °F and 50% of R. H.). In case of rain over the product that it is not perfectly dry, taking care about the adequacy of the further cover.

DRYING TIME

At a temperature of 23°C/73°F and 50% relative humidity, the product dries in about 4 hours.

- Drying time is influenced by environmental relative humidity and by temperature and may significantly change.
- If applied with an higher yield than the expected one, drying time may significantly increase.

SUGGESTIONS

- Do not apply at environmental temperature or support temperature lower than +5°C (41°F) and higher than +35°C (+95°F).

- During summer season apply the product in the cooler hours of the day, away from sunlight.
- Do not apply with imminent threat of rain or ice, in conditions of strong fog or with relative humidity higher than 70%.
- Do not apply on surfaces subjected to movements, *O.R.A. Anti-rain* may crack in correspondence of most critical points.
- Do not apply over glazed tiles.
- Product not suitable for application over moist supports or supports subjected to rising damp.

CLEANING

Tools can be washed with nitro diluents before the product hardens.

SAFETY

While handling, always use personal protective equipment and respect the instructions described in product safety data sheet.

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Whereas all indications and recommendations supplied herein are stated to the best of our experience and knowledge, they should be considered as indicative only and should be confirmed by exhaustive practical applications. Diasen doesn't know the peculiarity of the processing, or the characteristics of the support. Therefore the applicator should carry out preliminary tests, to verify the suitability to the foreseen application, and in any case he will take the responsibility of the intended use. In case of uncertainties or doubts, please contact the company's technical department, provided that this is only a simple assistance for the applicator: he should have the appropriate capabilities and experience to determine the more suitable solution. Always respect the latest update of the technical sheet available on www.diasen.com.

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* These data, even if carried out according to regulated tests, are indicative and they may change when specific building site conditions vary.

Technical data *		
Features		Unit
Yield	0.20	L/m ²
	203.73	ft ² /gal
Aspect	liquid	-
Colour	transparent	-
Dilution	do not dilute	-
Odour	solvent	-
Waiting time between 1 st and 2 nd coat (T=23°C/ 73°F; R.H. 50%)	4	hours
Application temperature	+5 /+35	°C
	+41/+95	°F
Total drying time (T=23°C/73°F; R.H. 50%)	4	hours
Storage	12 months in original containers and dry places	months
Packaging	5 L (1.32 gal) metal bucket	L

** 1680 hours of weathering test correspond to about 10 years. This correspondence is merely indicative and it may considerably vary according to climatic conditions of the place where the product will be used.

Final performances**		Unit	Regulation	Result
Adhesion on tiles (Pull Off Adhesion Tester)	3.5 Break of the tile	N/mm ²	EN ISO 4624	excellent
Weathering Test**	1680 hours (> 10 years**)	hours/ years	11507	Without variations
Resistant to the contact with hydrochloric acid (HCl –30% solution) for 12 hours	-	-	-	unchanged
Water vapour permeability	μ = 1941	-	EN ISO 7783	-



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