

O.R.A. Anti-rain

Transparent solvent-based 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 cotto tile, 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

APPLICATION FIELDS

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

YIELD

0.20 l/m² - 203.73 ft²/gal.

COLOUR

Clear.

PACKAGING

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

STORAGE

Store the product in well ventilated areas, in its original containers tightly closed, away from sunlight, water and ice, at temperatures between +5°C and +35°C (+41°F and +95°F).
Storage time 12 months.

PREPARATION OF 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.



Waterproofing - Liquid

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. Dياسن 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.

O.R.A. Anti-rain

Transparent solvent-based liquid waterproofing

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 |

| 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 | - |

* 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

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

Waterproofing - Liquid

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.



O.R.A. Anti-rain

Transparent solvent-based liquid waterproofing

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.

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. Apply a second coat of product in order to cross with the first one, and in a uniform way.
4. On lightly absorbent support, carry on with the application until saturation. Generally, for a complete waterproofing, 2-3 application coats applied at a distance of about 4 hours from each other (at 23°C/73°F and 50% relative humidity).

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.

Waterproofing - Liquid

