



## DU GRIP

### WATER BASED ADHESION PROMOTER

Dubond's DU Grip is a single part, engineered water based adhesion promoter that develops high, constant levels of performance in non absorbent substrates, compact absorbent substrates, floor in ceramic concretes and residual traces of vinyl adhesives.

Du Grip has low i.e. Micro film forming temperature (m.f.f.t.), with advantages over two component adhesion promoters which are found inconsistent at site, suitable only for a specific temperature range and are harmful to the applying professional.

### Green Building Rating



Mineral  $\geq$  30%



Low Emission



Solvent  $<$  5 g/kg



Low Ecological Impact



Health Care



Water Based

### Areas of Application

Preparation of smooth, compact, absorbent or non-absorbent substrates before application of finishing, levelling or self-levelling products and fluid mortars to improve their power of adhesion Products suitable for overlaying :

- Fluid, mineral mortars
- Mineral adhesives
- Mineral finishing, levelling and self-levelling products with normal, rapid and extra-rapid setting
- Fluid mortars
- Cement-based adhesives

### Substrates:

- Flooring in ceramic, marble-floor tiles and natural stone
- Flooring in concrete smoothed with circular grinding machinery
- Compact and smooth cement-based screeds
- Prefabricated concrete and fresh concrete castings
- Wooden panellings
- Hardwood floors
- Substrates in metal on rigid supporting surfaces
- Flooring with residual traces of resin-base adhesives
- Flooring in epoxy resin
- Varnishes
- Rigid pvc coatings

## ■ Features & Benefits :

- For internal use
- Ready-to-use
- Easy-to-identify red liquid
- Suitable even at low temperatures
- Easy to use for fast, safe applications even with a roller
- Ideal in renovation work
- Suitable for substrates treated with resins

## ■ Method of Application

### Preparation of substrates

- In general, substrates must be free from dust, oil and grease, free from any rising damp, with no loose, flaky or imperfectly anchored parts such as residues of cement, lime, varnishes and adhesives, which must be completely removed.
- In particular, surface treatments of certain types of material such as waxes for resilient materials, marble floor tiles, hardwood floors, concrete parting compounds and sheetmetal oils must be completely removed. Varnishes, paints and adhesives must be removed by mechanical means in those cases where they can be removed easily, leaving only the parts which are well anchored to the substrate. The substrate must be stable, non-deformable, without cracks and have already completed the curing period of hygrometric shrinkage.
- Absorbent substrates must be compact and smooth to allow Du grip to form a fine film during application. The substrate must be perfectly dry, following the appropriate curing phase, but also free from any traces of humidity which may be present due to accidental subsequent moistening.

## ■ Preparation

Non-absorbent substrates : Shake the can before use in order to obtain the best possible viscosity during application. Du grip is immediately ready for use.

Absorbent, compact substrates: It is advisable to dilute Du grip Eco with clean water, in a ratio between 1 : 0.5 and 1 : 1, depending on the degree of absorption of the substrate. Prepare in an open container the quantity of water required for dilution, then add Du grip according to the indicated ratio. Mix briefly before use.

## ■ Application

### Non-absorbent substrates:

- Pour Du grip directly from the can onto the substrate to be covered. Apply a fine, uniform film, preferably using a roller made of fine/medium-grain
- sponge or short, synthetic fibre and always spread the product in the same direction.
- Subsequently, repeat the operation on the same surface, with a pass perpendicular to the first.
- Proceed in this manner until the substrate has been covered completely. The distinct colouring of
- Du grip allows the user to check whether the application is complete and uniform.

### Absorbent, compact substrates:

- Once diluted into an open container, Du grip can be applied by dipping a roller or brush directly into the container. This method will avoid the problem of partial absorption caused by having poured Du grip Eco directly onto an absorbent surface before beginning to spread the product.
- Apply the product as in the case of non-absorbent substrates.
- Before overlaying, wait at least one hour (at +23 °C, 50% R.H.) and make sure the film of Du grip has hardened and is 'touch dry', presenting only a minor degree of stickiness to the touch

## ■ Precautions & Limitations :

Do not use on high flexible substrates or substrates which may present a risk of strong dimensional movement on substrates which are moistened or subjected to moisture rising, for overlaying of mortars and plasters with semi-dry consistency and high granulometric grading

### Cleaning

Residues of Du grip can be cleaned from tools using water before the product hardens.

## ■ Technical Details :

Appearance	<b>Red Liquid</b>
Warning	<b>Protect From Frost Avoid Direct Exposure To Sunlight And Sources Of Heat</b>
Dilution Ratios	<b>≤ 1:1 On Absorbent Substrates</b>
PH	<b>≈ 7.83</b>
Temperature Range For Application From	<b>+5°C To +35°C</b>
Minimum Waiting Time Before Laying	<b>≥ 1 H</b>
Maximum Waiting Time Before Laying	<b>≤ 24h</b>
Final Characteristics	<b>Final Characteristics</b>
Adhesion To Concrete After 7 Days.	<b>≥ 2.5 MPa</b>
Tensile Strength On Glazed Tiles:	
After 24 H	<b>≥ 1.5 MPa</b>
After 7 Days	<b>≥ 2 MPa</b>
Shear Strength On Glazed Tiles	
After 24 H	<b>≥ 1 MPa</b>
After 7 Days	<b>≥ 1.5 MPa</b>

## ■ Coverage

0.1 - 0.2 Kg/M<sup>2</sup>

## ■ Packing

1 Ltr., 5 Ltr., & 20 Ltr. Container.

## ■ Shelf life & storage

12 months in the original packaging

## ■ Health & Safety Precautions :

Avoid contact with skin and eyes, In case of contact with eyes or skin, wash thoroughly with plenty of water and contact doctor.

**DISCLAIMER** The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.

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