

# GRAFFI' DEFEND

The above directions are the result of our long scientific and operative experience, aimed at obtaining the best results in this specific operation. In any case, these directions are not binding and do not involve our responsibility, due to the particular, different conditions and ways of carrying out the job. In case of treatment on particular materials, especially outdoors, we recommend to contact the Geal's technical department.

**THIS DOCUMENT IS AN INDICATIVE TECHNICAL DATA SHEET  
TRANSLATED FROM THE ORIGINAL IN ITALIAN LANGUAGE.  
WE MAY SEND THE ORIGINAL ONE ON DEMAND**

02/00

## **CHEMICAL DEFINITION**

Non-ionic aqueous emulsion of polymers, thickeners and natural waxes for anti-graffiti protection of building materials of any type.

## **APPLICATION AND PERFORMANCE**

The anti-graffiti emulsion **GRAFFI' DEFEND** (GEAL) is a ready for use product for the protection of all building materials even low absorbent ones (Stone, Marble, Granite, Brick, Cotto, Cement, Grit, Terracotta, Mosaic Works, Metal, etc.).

It forms a protective colourless and transparent film which prevents the penetration of paints, spray, felt-tipped pens etc. The visual impact of **GRAFFI' DEFEND** (GEAL) is very small: if it is applied in the right quantity it does not create polished or translucent zones and maintains the protective action even after a long outdoor exposition. It delays the formation of mould and reduces the depositing of dirt and smog, thus rendering the cleansing operation easier.

The anti-graffiti protection given by **GRAFFI' DEFEND** (GEAL) is not permanent, i.e. its application has to be renewed each time we remove the graffiti with chemical cleansing agents or with a mechanical operation (water cleaning).

Graffiti carried out with the most common techniques can be removed with the cleansing-thinner product of the **GRAFFI' GEAL** anti-graffiti line. Rinse with water or with the help of a water-cleaner to eliminate residues or use only the water-cleaner, even supplied with warm water, with a suitable pressure in order to avoid damages to the support to be cleaned.

It has to be sprayed (with 1 or 2 hands) on:

- coverings of compact and low absorbent materials (e.g. marble, travertine, granite)
- on materials with a high porosity after that they have been coated with **GRAFFI' FONDO** (GEAL).

## DIRECTIONS FOR USE

Apply the product pure with a low pressure spray (suggested method) on dry and clean surfaces; if these had been treated with GRAFFI' FOND (GEAL), wait at least 1-2 hours after its application.

Distribute the product in an uniform way and remove any exceeding product with a pad, a cloth or whatever else before it dries.

Do not apply on very cold or directly exposed to the sun rays surfaces and in the hottest hours. We suggest to carry out preliminary application tests so to be able to establish the ideal quantity.

The consumption of **GRAFFI' DEFEND** (GEAL) depends on the absorption of the materials to be treated: with 1lt of **GRAFFI' DEFEND** (GEAL) should be treated approximately between 8 and 15 m<sup>2</sup> of stone material with an average porosity and previously treated with GRAFFI' FOND (GEAL).

## CHEMICAL-PHYSICAL DATA

Specific weight (20 °C) \_\_\_\_\_ **1,002 gr/cc**

PH (20°C): \_\_\_\_\_ **7**

Appearance: **milky liquid**

Odour: **odourless**

Colour: **white**

## DANGEROUSNESS

*Not dangerous good*

The Product Safety Data Sheets according to the EEC Standard No. 91/155 are available.

## SPECIFICATIONS

For a non permanent anti-graffiti protection of all natural and artificial building materials spray **GRAFFI' DEFEND** (GEAL), aqueous emulsion of polymers, thickeners and natural waxes on a clean and dry surface being very careful to remove promptly any exceeding product.

After each graffiti removal, apply a coat of **GRAFFI' DEFEND** (GEAL) again.

For an anti-graffiti protection of very porous natural and artificial stone materials (sandstone, tufa, brick, cotto, cement, painted plaster etc.) apply **GRAFFI' DEFEND** (GEAL) with a spray on the clean and dry surface, previously treated with GRAFFI' FOND (GEAL) and being very careful to remove promptly any exceeding product. After each graffiti removal, apply a coat of **GRAFFI' DEFEND** (GEAL) again.

**TRANSPORT (ADR) Road transport / (RID) Railway transport [Sea and air transport, upon request]**

*Not dangerous good*

Further information can be found on the relevant Product Safety Data Sheet

## PACKAGING

1 Liter polyethylene bottle Box of 6 pieces

5 Liters polyethylene tank Box of 4 pieces

Industrial packaging of loose products upon request  
All packaging is made according to law  
**GEAL S.r.l. is a member of CONAI.**