



# VARIPHOB® AG 10

Graffiti protection

**CHT**  
SMART CHEMISTRY  
WITH CHARACTER.

# VARIPHOB® AG 10

## Graffiti protection

House fronts, walls or concrete buildings shape the look of our cities. More or less talented artists repeatedly spray their colourful graffiti on these surfaces. The quickly curing paint deeply penetrates the absorbing wall and can only be removed again with great efforts. The surface often gets damaged to such an extent that a comprehensive reconstruction becomes necessary.

A preventive treatment of the wall with VARIPHOB® AG 10 minimizes the cleaning and repair efforts.

VARIPHOB AG 10 is an innovative, fluoro-free, organic-inorganic coating agent for the hydrophobic impregnation of absorbing building material. The "easy to clean effect" of VARIPHOB AG 10 is based on the formation of a special functional layer on the surface to be treated. The functional principle of VARIPHOB AG 10 is quite simple: VARIPHOB AG 10 prevents the deep penetration of the graffiti paint into the surface structure thus facilitating an easy cleaning process.

VARIPHOB AG 10 is fast to weathering and it is semi-permanent. Moreover, treated surfaces are in long-term protected against water due to the hydrophobic effect of VARIPHOB AG 10.

## Efficiency of VARIPHOB AG 10 on lime sand brick

Before cleaning



After cleaning



without protection

with VARIPHOB AG 10 protection

# VARIPHOB® AG 10

## Recommended application fields

VARIPHOB AG 10 is recommended as graffiti protection for absorbing, mineral building materials. Suitable surfaces are e. g.:

- Lime sand brick
- Concrete
- Brick
- Clinker
- Cement asbestos

VARIPHOB AG 10 can be applied undiluted by brush, roller by spraying (Provided the safety rules for spraying of aerosol). For achieving a complete protection with VARIPHOB AG 10 a two layer application is recommended.

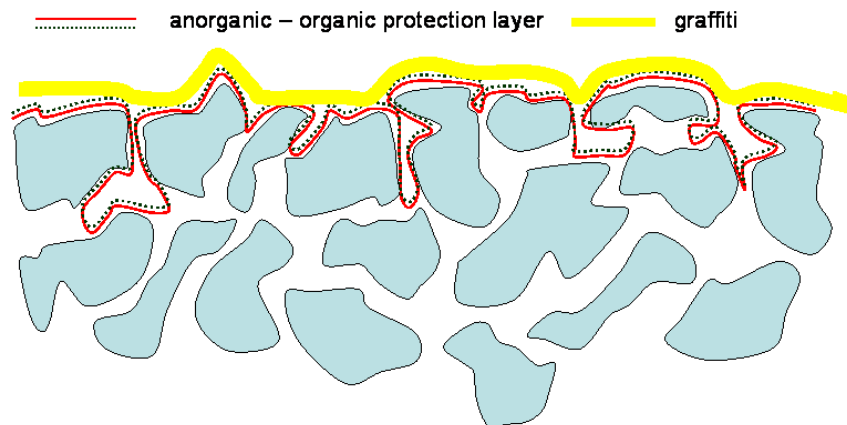
The application amount of VARIPHOB AG 10 depends on the absorption behaviour of the surface and is between 100 – 400 g/m<sup>2</sup>.

The drying time of VARIPHOB AG 10 depends on the weather. At 20°C a semi-permanent protection is already achieved 24 h after the application.

## Application

### Functional principle of VARIPHOB AG 10 – cross section of a mineral surface

Due to the formation of a hydrophobic, anti-adhesive protection layer the penetration of the paint into the porous system is prevented. The subsequent cleaning is simplified, paint residues are minimized and the wall is protected.



## VARIPHOB HP 120

VARIPHOB HP 120 is a primer adapted to VARIPHOB AG 10. The application amount of VARIPHOB AG 10 can be reduced on strongly absorbing surfaces by applying VARIPHOB HP 120. VARIPHOB HP 120 is a concentrate which must be diluted 1 : 10 with water prior to use. The product can be applied by brush or roller.

## Cleaner

For a very quickly and permanently removal a solvent based cleaner can be used in addition, so that a surface-protective cleaning is clearly simplified.

# Recommended application amounts of VARIPHOP AG 10

**Overview of the recommended application amounts of VARIPHOB AG 10 without primer:**

Surface	1 <sup>st</sup> layer g/m <sup>2</sup>	2 <sup>nd</sup> layer g/m <sup>2</sup>
Lime sand brick	150	100
Concrete	300	100
Brick	150	50
Clinker	100	50
Eternit®	150	100

**Overview of the recommended application amounts of VARIPHOB AG 10 with a previous priming with VARIPHOB HP 120:**

Surface	VARIPHOB HP 120 g/m <sup>2</sup> (1 : 10 dilution)	1st layer VARIPHOB AG 10 in g/m <sup>2</sup>	2nd layer VARIPHOB AG 10 in g/m <sup>2</sup>
Lime sand brick	100	50	50
Concrete	100	150	50

