

MasterSeal P 385

Priming adherent for synthetic revetments on absorbent and not absorbent supports. Tolerant with humid supports.

FIELDS OF APPLICATION

- Applicable on the following supports: concrete, mortar of cement, absorbent and not absorbent ceramics, glass, synthetic ancient revetments after sanded, etc.
- Applicable as priming of all kinds of revetments (epoxi, polyurethane, etc).

To consult with the Technical Department any application not foreseen in this relation.

PROPERTIES

- Easy to apply with trowel, paintbrush and gun.
- Excellent adhesion on porous and slightly porous concrete.
- It can be used by epoxi revetments, polyurethane, acrylic, etc.
- Applicable on already existing epoxi revetments or polyurethane whenever the surface is firm, clean and rough.
- Permeable to the steam.
- Raincoat to the water.
- Once hardened, it resists to pressures hydrostatics of up to 10 bar.


BASE OF THE MATERIAL

Resin epoxi-cemented three components with special additives and chosen charges.

APPLICATION METHOD

(a) Support: The surface will have to be resistant and to be completely clean and exempt from fragile material. To clean with sand jet or with water to pressure of fats, oils, waxes or grouts.

In soils contaminated in depth, to eliminate mechanically up to obtaining a healthy support. The tiles and tiles will wash themselves with industrial detergents and water to pressure.

	
BASF Construction Chemicals España, S.L. Carretera del Mig, 219 08907 L'Hospitalet de Llobregat (Barcelona) 13 00183 - 0099/CPR/B15/0044	
UNE EN 1504 - 2	
Protección superficial. Imprimación y revestimiento a base de epoxi-cemento	
Absorción por capilaridad:	≤ 0,1Kg/m ² ·h ^{0.5}
Permeabilidad al vapor de agua:	Clase I
Permeabilidad al CO₂:	> 50 m
Adherencia (sistema rígido sin tráfico):	> 1,0 N/mm ²
Adherencia sobre hormigón húmedo:	> 1,5 N/mm ² Ningún defecto visible
Reacción al fuego:	Clase F
Sustancias peligrosas:	Cumple con 5.3

To saturate the absorbent supports with clean water before applying MasterSeal P 385. The support must be humid but not wetted. The synthetic aged revetments need to be sanded before applying the MasterSeal P 385.

(b) Mix: The components A, B and C they are given in proportion adapted to be mixed in work.

To spill first the component B (hardener) to the component A (base) and to mix with auger provided with agitator type M17 up to obtaining a homogeneous miscellany. To add the component C (inert charges) and to continue the miscellany up to obtaining a homogeneous mass and without lumps.

To try to avoid the air inclusion during the miscellany. To use an auger to low revolutions (maximum 400 rpm).

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The relation of miscellany in weight is:

Comp. A (Base): 1.

Comp. B (Hardener): 1.

Comp. C (Inert charges): 3.5.

(c) Application: As soon as a perfectly homogeneous miscellany was obtained, it is applied by means of trowel (max. 1 mm for layer as layer regulate) or to paintbrush, roller or projection system (as priming) diluted with 10 - 20 % of water.

MasterSeal P 385 needs approximately 7 days 20°C and 65 % of relative moisture for the entire hardening.

In case of application with gun air-less guy of diaphragm recommends to himself with a mouthpiece of size 0,026 or 0,030 inch, a projection angle of 50 to 80th and a pressure in mouthpiece from 200 to 250 bar.

CLEANING OF TOOLS

In fresh state it can clean oneself with water. In case the material is hardened only it can clean oneself mechanically.

CONSUMPTION

Approx. 0.5 to 2.0 Kg/m².

This consumption is theoretical and it depends on the roughness of the support. To know the exact consumptions it is recommended to realize a test "in situ".

PACKAGING

It is given in compositions of 23.5 kg.

STORAGE

It can be stored 12 months in dry and protected place, to temperatures between 10°C and 35°C, in his hermetically closed original packings.

WATCH POINTS

- Not to apply to low temperatures to 5°C not with relative moisture of the air superior to 90 % or when I threatened rain.
- To avoid the application with the strong direct sun, wind, strong moisture or with danger of freeze.

- To add water, neither sand nor other substances that they could affect to the properties of the material.
- After 24 hours of the application to repair the points of water escape with MasterSeal P 385. This operation can repeat oneself if it is necessary after 48-72 hours.
- Before realizing the miscellany to verify the correct identification of the packings of the different components.

HANDLING AND TRANSPORT

Usual preventive measures for the handling of chemical products should be observed when using this product, for example do not eat, smoke or drink while working and wash hands when taking a break or when the job is completed.

Specific safety information referring the handling and transport of this product can be found in the Material Safety Data Sheet. For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

Disposal of product and its container should be carried out according to the local legislation in force. Responsibility for this lies with the final owner of the product.

CONTACT DETAILS

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Property	Unit	Values
Applicable thicknesses:	microns, mm	from 200 to 1
Maximum size of particle:	microns	100
Pot-life:	minutes	approx. 60
Temperature of application:	°C	from +5 to +35
Resistance to the temperature:	°C	between -20 and +80
Time of application of synthetic revetments (of 20°Cy 65 % of relative moisture):	hours	minimum 48
Resistance to pressure hydrostatics:	bar	10
Adhesion to the concrete:	N/mm ²	>2,5 (it plows in the concrete)
Resistance to the fire:	-	shelf-extinguishable

The hardening times were measured at 20°C and 65% relative humidity. Higher temperatures and/or lower levels of humidity may reduce these times and vice versa. The technical information comes from statistical results and is not intended to represent guaranteed minimum values. If you require control information, please request the product "Sales Specifications" from our Technical department.

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Health and Safety

*For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

Solvent Based Products

Use in well ventilated areas; avoid inhaling. Suitable respiratory equipment may be needed, eg when spraying. Can cause skin, eye irritation. Wear protective eye shields and gloves during use. Do not smoke or allow sparks or naked lights when stored or in use.

Resin Products

Can cause irritation, dermatitis or allergic reaction. Use protective equipment particularly for skin and eyes. Use only in well ventilated areas.

Spillage

Chemical products can cause damage; clean spillage immediately.

DISCLAIMER

"BASF plc, Construction Chemicals" (the Company) endeavours to ensure that advice and information given in Product Data Sheets, Method Statements and Material Safety Data Sheets (all known as Product Literature) is accurate and correct. However, the Company has no control over the selection of its products for particular applications. It is important that any prospective customer, user or specifier, satisfies him/her-self that the product is suitable for the specific application. In this process, due regard should be taken of the nature and composition of the background/base and the ambient conditions both at the time of laying/applying/installing the material and when the completed work is to be brought into use.

Accordingly, no liability will be accepted by the Company for the selection, by others, of a product, which is inappropriate to a particular application.

Products are sold subject to the Company's standard conditions of sale and all customers, users and specifiers, should ensure that they examine the Company's latest Product Literature.