

MasterSeal P684

Single component adhesion primer for non-ferrous metals and stainless steel

DESCRIPTION

MasterSeal P684 is a fast curing, single component, solvent containing, moisture curing adhesion promoting primer.

MasterSeal P684 is included in several approval certificates for various waterproofing applications. For a full list of approvals please contact Master Builders Solutions UK Ltd

FIELD OF APPLICATION

MasterSeal P684 is designed as an adhesion promoting primer between build up layers of MasterSeal waterproofing systems.

Its uses include application to stainless steel and non-ferrous metals such as aluminium and zinc

FEATURES AND BENEFITS

- Excellent adhesion to non-ferrous metals
- Rapid cure
- Single component – no wastage
- Low viscosity
- Low consumption
- Easy to apply

SUBSTRATE PRE-TREATMENT

The primer, or base layer to which MasterSeal P684 is to be applied must be clean and dry and free from oil, grease and loose material and any other contamination which might impair adhesion.

APPLICATION CONDITIONS

For best results, materials, substrate and air temperature should be in the range 15 – 25°C.

The temperatures should not fall below the minimum stated until the material is fully cured. The temperature of the substrate must be at least 3°C above the dew point both during the application and for at least a further 2 hours (at 15°C).

APPLICATION

Prior to application MasterSeal P684 should be preconditioned to a temperature of between 15 and 25°C.

MasterSeal P684 should be well-stirred prior to use. Decanting and apply by roller, brush or a soft cloth.

MasterSeal Top P684 is moisture curing and will foam if applied to thickly. It is important to apply thinly and to avoid ponding.

The curing reactions are influenced by the ambient, material and substrate temperatures. Low temperatures lengthen the open- and curing times. High temperatures shorten open- and curing times.

COVERAGE

Typically 0.04 – 0.06kg/m²

FINISHING AND CLEANING

Tools must be cleaned immediately after use with xylene or other suitable solvent.

WORKING TIME

1 hour in 20°C ambient and substrate temperature.

PACKAGING

MasterSeal P684 is supplied in 4.7kg cans.

STORAGE

Store in original containers under normal warehouse conditions. Off the ground, dry and at a temperature between 5 – 30°C. Do not expose to direct sunlight.

SHELF LIFE

For maximum shelf life under these conditions, see "Best before....." label.

EU Regulation 2004/42 (Decopaint Guideline)

This product conforms to the EU directive 2004/42/EG (Deco-Paint directive) and contains less than the maximum allowable VOC limit (Stage 2, 2010).

According to the EU directive 2004/42, the maximum allowable VOC content for the Product Category IIB/c is 600 g/l g/l (Limit: Stage 1, 2010). The VOC content for MasterSeal P684 is < 500g/l (for the ready to use product).

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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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Product Data	
Density g/cm ³	0.9
Solids content by volume /%	25
Viscosity at 23°C 4mm DIN Cup/s	20
Recoat intervals at 23°C 50% RH	
Minimum / hours	0.5
Maximum / hours	2
Ambient and substrate temperature	
Minimum / °C	8
Maximum / °C	30

The above figures are intended as a guide only and should not be used as a basis for specifications.



When MasterSeal P684 is used as a primer underneath other MasterTop and MasterSeal products the system conforms to the relevant CE marks.

Please refer to the relevant Declaration of Performance and the product and system data sheets.

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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

"Master Builders Solutions UK Ltd" (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.