

# MasterTop WS 100 PU

## Decorative, smooth, low emission polyurethane wall system

### DESCRIPTION

MasterTop WS 100 PU is a 0.8 - 1.0mm thick multilayer smooth, UV light stable polyurethane wall system.

MasterTop WS 100 PU is an innovative product that enables the aesthetic design of the MasterTop 1300 resin flooring systems to be continued seamlessly onto walls and vertical surfaces.

It provides a hygienic, decorative finish that can be installed onto a large range of substrates.

### FIELD OF APPLICATION

MasterTop WS 100 PU is used to provide durable and hygienic wall finishes in conjunction with MasterTop 1300 flooring systems in:

- Retail, office and exhibition centres
- Corporate headquarters
- Industrial areas such as production areas, storage rooms
- Laboratories and clean room environments
- Technical areas
- Hospitals and nursing homes

### FEATURES AND BENEFITS

- UV light stable
- Can be installed to a wide range of existing substrates
- Low to medium impact strength
- Monolithically bonded to the substrate
- Low emissions to AgBB
- LEED certification

### COLOURS

A range of colours are available for further information contact your local Master Builders Solutions UK Ltd office.

### CLEANING AND MAINTENANCE

A wet clean with mild detergents will help keep the finish clean and bright. For further information consult separate cleaning and maintenance guidelines.

### METHOD STATEMENT ENVIRONMENT

The applicator requires sole access to the application area. The area should be closed to the environment, clean and dust free. Dust from trades in adjacent areas can impair the visual appearance of the finish.

It is prudent to ensure that the installation is undertaken as the final operation during refurbishment works to preclude damage by other trades.

For best results, materials, substrate and air temperature should be in the range 15–20°C. Low temperatures will reduce workability and can impair the visual appearance of the finish. High temperatures will shorten the open times and can impair the appearance of the finish.

Do not commence work if temperatures are within 3°C of the dew point or if condensation is likely to occur within 48 hours (at 20°C) of application.

### SUBSTRATE

Specialist finishes should not be applied to concrete with more than 4% moisture by weight. On new concrete with a high residual moisture content use MasterTop P622, see separate data sheet. A functioning damp proof membrane must be installed under on-grade concrete and known to be effective.

MasterTop WS 100 PU must be applied to a clean, dry substrate free from dust, dirt, oil, grease and other contaminants. A clean surface will ensure adhesion between substrate and overlay.

Use mechanical methods of surface preparation as dictated by the size of area to be treated, the location and degree of contamination.

The substrate should be sound and where possible a tensile strength exceeding 1.5MPa. Any repairs to the substrate must be undertaken in good time prior to the application.

### PRIMING

In most cases MasterTop P686W can be used to prime the substrate. However, alternative primers may be more suitable depending on the substrate type.

Substrates must be completely sealed and some may require double priming. For more information, please contact your local Master Builders Solutions UK Ltd office.

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## TOP COAT

Apply MasterTop TC 442W or MasterTop TC 417W in two coats, see separate data sheet.

Optional coloured flake scatter and clear seal may be applied to produce a variety of aesthetic effects.

## 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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### 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.