

# MasterTop WS 300

**Decorative, elastomeric, glass fibre reinforced, smooth, low emission polyurethane wall system**

## DESCRIPTION

MasterTop WS 300 is a 2.0mm thick multilayer smooth, elastomeric, highly impact resistant polyurethane wall system.

MasterTop WS 300 is an innovative product that enables the aesthetic and ergonomic design of the MasterTop 1300 resin flooring systems to be continued seamlessly onto walls and vertical surfaces.

It provides a very tough, hygienic, impact and scratch resistant finish that can be installed onto a large range of substrates.

MasterTop WS 300 is a seamless wall system without joints or welds even around difficult details and over large open areas.

## FIELD OF APPLICATION

MasterTop WS 300 is used to provide durable and hygienic wall finishes in conjunction with MasterTop 1300 flooring systems:

- Schools and leisure centres
- Hospitals and old people's homes
- Gymnasiums
- Wet rooms
- Prisons
- Retail and fashion
- Corporate headquarters
- Office and exhibition centres

MasterTop WS 300 systems have excellent mechanical properties and offer good abrasion and wear characteristics for dry and wet areas.

## FEATURES AND BENEFITS

- Glass fibre reinforced, elastomeric and flexible finish produces an ergonomically warm feel
- Joint free, even around complicated details and over large areas for maximum aesthetic freedom
- Can be installed to a wide range of existing substrates
- A permanently elastic, wear-resistant surface provides a durable long lasting finish
- 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 300 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.

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## JOINTS

MasterTop WS 300 is elastic enough to accommodate some substrate movement. Such joints being routed out and filled with MasterTop BC 231FLR prior to application of the finish. Structural movement joints however should be continued up through the system as appropriate, the joint arris protected with a metal trim and the MasterTop WS 300 dressed up to either side.

## FREE EDGES

Use metal edging strips to protect free edges including at abutments to other finishes.

## PRIMING

In most cases MasterTop P 686W 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.

## THIXOTROPIC BODYCOAT

MasterTop BC 231FLR, see separate data sheet, is applied using a steel trowel maintaining a wet edge throughout.

## GLASS FIBRE REINFORCEMENT

MasterTop RM mesh should be applied to the still wet MasterTop BC 231FLR thixotropic body coat. It should be hung as wall paper and worked into the surface with a steel trowel.

## THIXOTROPIC BODYCOAT

MasterTop BC 231FLR is applied using a steel trowel to consolidate the RM mesh. This can be done wet in wet with the body coat/ RM mesh already installed or after curing depending on the complexity and size of the installation. The surface should be lightly sanded after curing.

## TOP COAT

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

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.

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