

WEST SYSTEM® brand 403 Microfibre Blend is a high density filler used as a thickening agent with WEST SYSTEM® brand Epoxy to create a multi-purpose adhesive, especially for bonding wood.

WEST SYSTEM® epoxy thickened with 403 Microfibre Blend has good gap-filling qualities while retaining excellent wetting and penetrating capabilities. As a blended filler, 403 Microfibre Blend, offers an added degree of thixotropy and substantially improved spreading and working properties.

## MIX RATIO

Mix the WEST SYSTEM® brand resin and hardener first as per instructions, taking great care to mix thoroughly, then gradually stir in the filler to thicken the mixture as desired.

WEST SYSTEM® 105 Resin	1L
WEST SYSTEM® 205 Hardener	200 ml
403 Microfibre Blend (dry bulk)	1200 ml**

\*\* This consistency is suitable as an adhesive. A reduced concentration of 403 Microfibre Blend would be suitable for sealing porosity in timber and fibreglass surfaces.

Because such small quantities must be added in terms of weight, the effect of 403 Microfibre Blend on the cured epoxy properties is negligible, but dispersion of the powder into the epoxy must be thorough for optimum results.

## PROPERTIES

WEST SYSTEM® brand 403 Microfibre Blend:

- Odourless, off-white powder

## APPLICATION

A one-to-one addition of 403 Microfibre Blend (in terms of bulk volume) to WEST SYSTEM® Resin/Hardener mix, is suitable to produce a structural adhesive for wood. Where particularly wide gaps are to be filled, additions of greater than this may be required, and in these cases it is strongly recommended that pre-saturation of the gluing faces should be carried out with a neat resin/hardener mix before the thickened glue is applied.

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Pre-saturation is also recommended when carrying out critical structural scarf joints.

When bonding on to well-cured epoxy, it is important to sand thoroughly, with a moderately coarse paper, to remove the surface layer and expose fresh material that has not previously been exposed to the air.

## PACK SIZES

Order Code	PACK
403 A	1L
403 B	4 L
403 C	12 L
403 D	20 L

## STORAGE

WEST SYSTEM® 403 Microfibre Blend will keep for 2 years if kept in plastic containers at room temperature (15°C to 32°C), and out of direct sunlight. Containers should be tightly sealed to prevent moisture absorption.

## HEALTH AND SAFETY

WEST SYSTEM® 403 Microfibre Blend has moderate sensitising potential, and should be kept out of the eyes and off the skin. Good room ventilation is usually adequate for most applications, however, it is a strongly buoyant powder and it is recommended that care should be taken to avoid inhalation.

- Use with good ventilation and adequate safety equipment including impervious gloves, safety glasses and dust masks
- Wash skin thoroughly after handling.
- If eye contact occurs, immediately flush with running water for at least 15 (fifteen) minutes and seek medical advice.
- If swallowed, DO NOT induce vomiting, give plenty of milk or water and contact a doctor or the Poisons Information Centre.



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