



# Macropoxy™ M630V2

## Hygiene Coating

**Macropoxy™ M630V2** hygiene coating is a chemical and water resistant gloss finish. Being a water based epoxy, it contains none of the strong organic solvents used in conventional two pack epoxies, or any of the hazards associated with isocyanate cured polyurethanes and has a low odour on application. Macropoxy™ M630V2 provides the perfect solution where surfaces need a coating which is impervious, non-absorbent, washable, non-toxic and mould resistant.



### Features

- Eco friendly.
- Chemical and solvent resistant.
- Tough and hard wearing.
- Flame retardant.
- User friendly

### Benefits

- Macropoxy™ M630V2 has zero VOC and is fully compliant with the Volatile Organic Content requirements of the Environmental Protection Act 1990.
- Tests carried out on a fully cured system gave excellent resistance to spillage of edible vegetable oils, mineral oils, 10% sodium chloride solution and 30% sodium hydroxide.
- Taber abrasion testing to BS3900 – E15 after full cure gave excellent results.
- Non-flammable.  
Has no flash point, therefore has no fire risks during transportation, application or storage. Macropoxy™ M630V2 has been tested at Bodycote Warrington Fire research centre and achieved Class 1 Surface Spread of Flame to BS476: Part 7.
- Easy and fast to apply by brush, roller or airless spray.

## Testing

Our Macropoxy™ hygienic coatings have been tested to a very high standard, both in our onsite research and development facility and by independent verifiers, including Campden and Chorleywood Food Research Association and Microsearch Laboratories Ltd.

Surface Microbial Survival tests were carried out using specific cultures of:

- Staphylococcus Aureus
- Escherichia Coli
- Candida Albicans
- Salmonella Hada
- E Coli 0157:H7
- Listeria Monocytogenes.

It was found that Macropoxy™ M630V2 was more than suitable to use within food, pharmaceutical and medical environments as it performed as well as a stainless steel surface; in relation to microbial growth and survival. It presented a non-porous surface on, or in, which there is an insufficiency of metabolically available moisture.



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