

### 1 Product Description

MSP is a unique, water based, multi-surface paint requiring no primers or undercoats. It can be applied directly to all general building substrates and materials as well as surfaces not normally able to take a coating without specialist extensive pre-treatment and priming. Can be applied to a wide range of surfaces including plastic, plastisol cladding, glass, galvanised surfaces such as metal decking, mechanical services and ducting where “blacking out” is required and power coated surfaces such as curtain walling where a factory finish is needed.



### 2 Properties

- Can be applied both internally and externally by brush, roller or spray to walls, ceilings, woodwork, steel and metalwork, curtain walling and cladding
- Quick and easy to apply
- Wide colour range including BS 4800, RAL, metallics and special colours on request
- Available in three sheen levels - Gloss, Satin and Matt
- Supplied ready for use

Coverage Rate	Drying Time	Pack Sizes
Approximately 6 - 10 m <sup>2</sup> per litre	2 - 4 hours dependent on temperature	5, 10 and 20 litres

### 3 Test Data



#### 3.1 Fire Resistance

Tested to Class 0 BS 476 Parts 6 & 7 - Warrington Fire Reports 189307, 308, 309, 310, 311, and 312



#### 3.2 VOC

Conforms to current EC Directive



#### 3.3 Flexibility

Tested to BS EN ISO 6860 PRA Reports 09-186c, d, & e



#### 3.4 Adhesion

Tested BS EN ISO 4624 PRA Reports 09-186c, d, & e



#### 3.5 Weathering

Tested BS EN ISO 11507 PRA Reports 09-186c, d, & e



#### 3.6 Scrub Resistance

Tested to BS EN ISO 11998 PRA Reports 09-186c, d & e



## 4 Limitations

Not recommended for areas under constant water contact such as shower cubicles and bathrooms; areas where hot items and liquids are used.

## 5 Preparation

- Ensure surfaces to be painted are clean, dry and free from dust, dirt, grease and wax
- Remove all loose and defective paint
- Special precautions should be taken during surface preparation of pre-1960s paint surfaces over wood and metal as they may contain harmful lead. For further information contact customer care
- Algae and fungal growths should be treated with a fungicidal wash and removed
- Smooth surfaces should be lightly abraded to provide a key
- Prime steel or rusty surfaces with an appropriate metal primer
- Surfaces where staining can occur such as some woods, damp or nicotine stains, prime with an appropriate stain block
- Allow new creosote (3 months) and galvanised (1 month) to weather before painting
- Metallics will need a coat of transparent **MSP** on areas of physical contact

## 6 Application

- Stir well, check colour before use
- Ensure temperature is above 8° C during application and drying
- Do not overspread
- For porous surfaces thin the first coat of **MSP** with 20%-30% clean water, then apply 2 full coats, allowing each to dry thoroughly
- Apply 2 to 3 coats, allowing each to dry thoroughly
- Hot surfaces (ie radiators) should be cold when painted and allowed to dry before resuming heat
- Apply by Brush, Roller or Airless Spray - 13-15 Thou tip size, 50° angle, 2500psi

## 7 Storage

Store in good dry conditions between 5 - 25°C. Protect from frost. Protect from sunlight and sources of direct heat. Keep container sealed when not in use.

## 8 Clean Up

Wash tools and equipment immediately with clean soapy water.

## 9 Health & Safety

Ensure adequate ventilation during application and drying. Keep out of reach of children. In case of contact with eyes, rinse immediately with clean water. After contact with skin, wash off immediately with soap and water or a recognised skin cleaner. Contains no added lead.



Muralplast is a trading division of S. Lucas Limited, part of the S. Lucas Group.

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