



Product Data Sheet

Mendrend - Patent No. 2372253

DESCRIPTION

An aqueous dispersion of acrylic polymers, iron oxide pigments, finely graded aggregates, controlling chemicals, which eliminate colour variations through differing drying criteria. It is especially formulated to be absorbed into cement renders.

It is supplied in 3Kg or 12Kg plastic drums.

It is manufactured in a standard range of colours and may further be blended to specific colouration, subject to additional cost, if required.

APPLICATION

It may be applied either by brush, roller or spray.

The use of a 4" FOAM roller enables the speedy application for render finishes.

The use of a 4" FOAM roller enables feathering in of repaired areas to adjacent render, the roller being emptied onto adjacent areas, with additional water added. The use of a 4" FOAM roller avoids brush marks.

A small quantity of water is added to the roller tray. The roller is loaded from the container then flattened on the tray, with small quantities of water added from the tray, to achieve optimum workability. Additional quantities of water are not detrimental to the product excepting that obliteration qualities are reduced.

A further second application, following initial set may be required to cover any areas previously omitted.

It is suggested that a small unobtrusive area of property is first treated to check colour match before proceeding with any major areas of repair.



Product Data Cont'd

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USES

It may be used to cover areas of discolouration caused by efflorescence or site contamination.

Used in collaboration and conjunction with **Mendrend Fissure Infill**, to blend in areas of repair.

To obliterate graffiti, (alternative to anti-graffiti coatings).
To produce shading effects to finished render, to specified requirements.

COVERAGE

Depends upon the thickness of coat and nature of defect being remedied. i.e. 1 – 2 square metres per KG for overall obliterating coverage, greater coverage's for less obtrusive repair or shading requirements.

DRYING TIME

One/Two hours at 25 - 35C, relative humidity not exceeding 80%

SHELF LIFE

More than eighteen months in sealed containers. Protect from frost.

CLEANING

Clean all equipment with hot water immediately after use.

HEALTH & SAFETY DATA

Materials are of a very low order of toxicity. However, in common with all acrylic based materials, always use in well-ventilated conditions.

Remove skin contamination immediately using warm, clean water, irrigate eye splashes with copious quantities of water and seek medical attention if irritation persists.

Keep out of reach of children and avoid run off of spillage into land drains.

Absorb spillage with absorbent and dispose of by landfill non-special waste.



**Mendrend Fissure Infill - Patent No. 2372253 / Uses
Render Crack Repair
Example 1:**

The building below developed cracking around various points on most elevations. The main contractor had been involved in numerous difficult conversations with his sub contractor.

Example of cracking





The Main Contractor was reluctant to undertake the traditional method of removal and re-instatement of the render as he knew there was the probability of further movement within the block work creating a re-occurrence of the cracking in the newly applied render.

There was also the likelihood of damage to block work behind the render upon its removal, this added to the potential costs of the remedial work required.

It was suggested to the Main Contractor contacted

Monocouche in order to resolve the situation.

Monocouche Technician attended site and a colour sample was removed from the façade so as to exactly colour match the Monocouche Mendrend to the original coloured render.

Monocouche flexible fissure infill and **Monocouche Mendrend top** coat were then applied to the areas, using the technique described later in this example.

After application and repair





Product Data Sheet

Mendrend Fissure Infill - Patent No. 2372253

DESCRIPTION

An aqueous dispersion of acrylic polymers, iron oxide pigments, finely graded aggregates, controlling chemicals, which enables the infill of small defects. It has archaeology that enables the infill of minor defects; following set it retains elasticity permitting further minor movement without the loss of adhesion properties.

It is supplied in flexible 125cc containers, which incorporate a spout that may be adjusted to provide differing thickness of discharge of material. It is manufactured in a standard range of colours and may further be blended to Specific colouration, subject to additional cost, if required.

APPLICATION

Cut spout, in order that ribbon discharge of materials can be obtained.

Apply materials into fissure, avoiding excessive overspill onto the adjacent area.

Remove excess by rubbing with a dry clean cloth or sponge, ensuring that the texture of

The surface has not been flatted, and is a good match to the existing surface. Allow to dry and top up any shrinkage where necessary, repeating the above technique.

Apply Mendrend, as subsequent paragraph, to further blend repair, if required.

COVERAGE

Depends entirely upon the size of fissure and/or defect.



Product Data Cont'd

Mendrend Fissure Infill - Patent No. 2372253

DRYING TIME

Two/three hours for minor defect infill, one/five hours for 6mm at 25-35C, relative humidity not exceeding 80%.

SHELF LIFE

More than three months in sealed containers. Protect from frost.

CLEANING

Clean all equipment with hot water immediately after use.

HEALTH AND SAFETY DATA

Mendrend Fissure Infill materials are of a very low order of toxicity. However, in common with all acrylic based materials, always use in well ventilated conditions.

Remove skin contamination immediately using clean water, irrigate eye splashes with copious quantities of water and seek medical attention if irritation persists.

Keep out of reach of children and avoid run off of spillage into land drains.

Absorb spillage with absorbent and dispose of by landfill non-special waste.



Standard Abridged Application Instructions

Test materials for colour match, on unobtrusive area, prior to any major repair. Use only on clean dry walls, under dry conditions.

FISSURE INFILL

Cut spout, in order that ribbon discharge of materials can be obtained.

Apply materials onto fissure, avoiding excessive overspill onto the adjacent area.

Remove excess by rubbing with a dry clean cloth or sponge, ensuring that the texture of the surface has not been flatted, and is a good match to the existing surface.

Allow to dry and top up any shrinkage where necessary, repeating the above technique.

Apply ***Monocouche Mendrend***, as subsequent paragraph to further blend repair, if required.

MONOCOUCHE MENDREND - (DISCOLOURATION REMOVAL)

Using 4" foam roller apply materials thinly, undiluted onto area of discolouration.

Add water to ***Monocouche MendRend***, in roller tray (approx 50/50), lightly apply ***Monocouche MendRend***, using 4" foam roller, to immediate adjacent areas, 'feathering' out at edges, to blend in repair, adding water continue 'feathering' out edges until repair is unobtrusive.

Repeat, if required.

Do not hesitate to contact our technical department, for further instructions, in the event that materials are to be used for other purposes, etc.



Mendrend – General Over coating PREPARATION

All surfaces to be painted should be clean, dry and free from loose and flaking materials.

Repair cracking and defective areas paying particular attention to those that may lead to moisture penetration. Treat fungal or algal growth with Fungicidal Wash as directed.

Ensure product is well mixed using a high speed drill and mixing paddle, before and during Application.

APPLICATION

Ensure sufficient material is available to complete each elevation or area. Maintain a working edge finishing only at design features, wall end etc.

Do not apply in temperatures above 35c or if rain is imminent. Apply by roller, keeping the roller head fully loaded and apply an even film overlapping each stroke as necessary to produce a uniform texture.

COVERAGE

Will cover approximately 1.3 square metres per 1kg, this is depending on the nature and porosity of the surface being covered.

GENERAL INFORMATION

To avoid the risk of spillage, always store and transport in a secure upright position.

ACRYLIC PRODUCT

Ensure good ventilation during application and drying.

Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with and seek medical advice.

After contact with skin, wash immediately with plenty of soap and water or a recognised skin cleaner.

Safety data sheet available or professional user on request.

Monocouche Mendrend - Emirates Technical data sheet MME009/435 Rev 004