

Matrix

Technical Information

Product description

Matrix/Newmor has been designed to offer unrivalled visual strength, definition and depth of colour.

Over 166 colourways are available ex-stock including Optical White, the cleanest sharpest white, offered in 8 different textures. A unique shadow print offers enhanced aesthetics as well as increased masking capabilities on poor wall surfaces.

Matrix/Newmor offers the widest choice of colour, texture and finish available and has quickly established itself as the definitive Colour Palette for fabric backed wallcoverings in the commercial, retail and leisure environment.

It is a true contract weight and exceeds requirements of Part 1 and 2 BSEN259, the European standard for Heavy Duty Wallcoverings. Producing the wallcoverings in our own factory allows us to guarantee continuity of supply and in addition, enables us to produce any special design, colour configuration or texture required by our customers.

Dimensions

Matrix/Newmor is supplied on 130cm (51") wide by 30m (32.8yd) rolls.

With over 30 years of manufacturing and distribution experience, Newmor is firmly established as the leading UK-owned contract

wallcovering manufacturer and distributor. The management systems and production procedures all comply with ISO9001:2008 the internationally recognised Quality Standard. Newmor is a company which believes in developing long term business relationships and therefore offers product quality and service levels which are unsurpassed.

Basic Use

Matrix/Newmor is designed to be used as a decorative wallcovering for interior applications.

Limitations of Use

The product is not designed for exterior use and may require special hanging techniques

Typical Values		460
Total Weight (g/m²)		460
Vinyl Weight (g/m²)		400
Substrate type		Polyester cotton woven fabric
Substrate Weight (g/m²)		60
Tensile Strength (N/cm)	MD	80
	TD	60
Tear Strength mN (average)		8500
Lightfastness BSEN20105 min		6
Impact Resistance		pass
Washability		Fully washable* and durable
Stain Resistance		1-12 ASTM D-1308-1987 Federal Spot Test
Physical Properties		Conforms to EN15102:2007, BSEN259 and Federal Specification CCC-W-408A & C CFFA Quality Standard for Vinyl Coated Fabric Wallcoverings CFFA-W-101A
Fire Rating		Class 'O' to the requirements of Approved Document B of the British Building Regulations (Class 1, BS476 Part 7). Euroclass Bs2,d0. Class A ASTM E-84 Tunnel Test. Tested in accordance with Epiradiateur test NFP 92-501: Adhered to cement board - M1 Adhered to plasterboard - M1
Recommended Adhesive		Heavy Duty

* **Washable.** Our products can be washed and in many cases scrubbed repeatedly to remove any marks, without damaging the product itself.

Stain Resistance Features

When tested in accordance with ASTM D1308-1987-Federal Spot Test Matrix/Newmor is stain resistant to reagents 1-12 listed below:

Reagents

- | | |
|---|-----------------------|
| 1. Distilled Water, cold (75+/-5°F) | 7. Soap Solution |
| 2. Distilled Water, hot (120+/-5°F) | 8. Detergent Solution |
| 3. Ethyl Alcohol (50% by volume) | 9. Pure orange juice |
| 4. Vinegar solution (3% acetic acid) | 10. Butter |
| 5. Alkali solution (1% sodium hydroxide) | 11. Catsup |
| 6. Acid solution (5% acetic or hydrochloric acid) | 12. Tea |

Microbiological Resistance

Matrix/Newmor is manufactured to have a high degree of microbiological resistance by incorporating an active bio-stabiliser.

Mildew

Matrix/Newmor demonstrates excellent resistance to the pink staining organism *Stv. Reticulum* and will exhibit no growth of a mixed fungal spore suspension of:-

- Aspergillus niger*
- Chaetomium globosum*
- Gliocladium vierns*
- Penicillium pinophilum*
- Aureibasidium pullulans*

Bacteria

Matrix/Newmor demonstrates excellent resistance to the Gram-positive bacteria *Staphylococcus aureus*, Methicillin-resistant *Staphylococcus aureus* and the Gram-negative *Klebsiella pneumoniae*.

Environmental Statement

Newmor conducts its business in a way that minimises the environmental impact of its products and manufacturing operations. A programme of waste minimisation is continually monitored and improved. Suppliers of materials and services to Newmor are assessed for their environmental performance and this forms part of an overall vendor assessment system.

Hanging Instructions

In general, all Matrix/Newmor wallcoverings should be 'reverse hung'. Any designs that are exceptions to this rule will have a label advising of 'straight hang' inserted within the roll. Designs requiring some degree of matching will have the appropriate label inserted in the roll.

Cleaning

If soiled, wash with mild detergent. Rinse with clean water and sponge dry. An accumulation of water at skirting level should be avoided as this may cause the wallcovering to lift from the decorated surface.

Commercial Wallcovering Product Warranty

Newmor, manufacturer, warrants that for a period of five years from the installation of its commercial wallcoverings, they shall not separate from their backings or support the growth of mildew when wallcoverings are installed properly onto a sound surface, adequately maintained and used under normal conditions. The warranty is not assignable and extends only to purchasers who are the owners of wallcoverings at the time of installation. The manufacturer will supply replacement wallcoverings free of charge if any of its wallcoverings fail to conform to this warranty. All claims under this warranty must be submitted properly in writing to: Newmor, Henfaes Lane, Welshpool, Powys SY21 7BE.



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