

SURFORMA[®] PERFECT MATT Laminates

Decorative laminates with anti-fingerprint properties for interior applications

| | |
|---|--|
| Distributor Tafisa Canada Inc 4660 Rue Villeneuve Lac-Mégantic (Québec) G6B 2C3 Canada | Manufacturer SURFORMA, S.A. Production sites : Portugal and Italy |
|---|--|

Product description

SURFORMA[®] PERFECT MATT laminates have a decorative surface obtained through acrylic resins cured by EBC (Electron Beam Cured process). The surface has thermal repairing properties for superficial micro scratches, a matt finish as well as anti-fingerprint properties.

SURFORMA[®] PERFECT MATT has an innovative free phenol core which distinguishes this new product.

SURFORMA[®] PERFECT MATT decorative laminates are available in a variety of colors and patterns, providing inspiration and encouraging creativity of architects and designers. Their elegant and warm to the touch anti-fingerprint surface brings sophistication and elegance to any space.

Applications

SURFORMA[®] PERFECT MATT is an excellent material for indoor surfaces, suitable for both horizontal and vertical applications. It is recommended for a wide range of interior designs, for home, hospitality, healthcare, and commercial applications, e.g. kitchens and bathrooms, work surfaces, furniture, construction, doors and wall claddings.

Surface texture

| Serie | Texture code | Texture name | Texture description | Gloss level at 60° |
|----------------------|--------------|--------------|--------------------------------|--------------------|
| LUMMIA TM | PM | Perfect Matt | Velvety and very matte texture | ≤ 6 |

Sheet size and thickness

| System of measurement | Size | Thickness |
|-----------------------|---------------------|-------------------|
| Metric | 1 320 mm x 2 743 mm | 0,8 ± 0,10 mm |
| Imperial | 4,33 pi x 9 pi | 0,0310 ± 0,004 po |

Physical properties

| PROPERTIES | TEST METHOD | UNIT (max. or min.) | | Perfect Matt |
|---|---------------|--|---------------|---------------|
| Dimensional tolerance requirements (NEMA LD3, Clause n. 9) | | | | |
| Thickness | Clause 3.1.5 | mm (max. variation) | T 0,8 mm | ± 0,10 |
| Flatness | Clause 3.1.6 | mm/m (max. deviation) | | 60 |
| Edges squareness | Clause 3.1.8 | mm/m (max. deviation) | | 1,5 |
| Edges straightness | Clause 3.1.9 | mm/m (max. deviation) | | 1,5 |
| General Requirements (NEMA LD3, Clause n. 9) | | | | |
| Resistance to surface wear | Clause 3.13 | Cycles (min.) | Plain Colours | 400 |
| Boiling water resistance | Clause 3.5 | Rating (min.) | | No effect |
| High Temperature resistance | Clause 3.6 | Rating (min.) | | No effect |
| Dimensional stability | Clause 3.12 | Cumulative dimensional change % (max.) | Longitudinal | 0,60 |
| | | | Transversal | 1,20 |
| Resistance to scratching | Clause 3.7 | Diamond, Force, rating (min.) | | 3 |
| Cleanability (cycles) | Clause 3.4 | Appearance, rating (min.) | | No effect |
| | Stain 1-10 | rating (min.) | | No effect |
| | Stain 11-15 | rating (min.) | | Slight effect |
| Density | EN ISO 1183-1 | Density, g/cm ³ (min.) | | 1,35 |
| Post formable | | | | |
| Formability | Clause 3.14 | Radius, mm (min.) | Longitudinal | ≥ 8 |
| | | | Transversal | ≥16 |
| Time to blistering | Clause 3.15 | Time to blister, seconds (min.) | | ≥10 |

The use of SURFORMA® laminates can contribute to the achievement of up to 2 LEED credits:

- The product contains recycled materials and can contribute to obtaining LEED credits under MR Credit 4.
- Depending on the location of the construction project, the product can meet the requirements for materials extracted and manufactured regionally and contribute to obtaining LEED credits under MR Credit 5.

Antimicrobial activity and efficacy

SURFORMA® decorative laminates have a non-porous surface that does not promote bacterial growth. Tested according to the method ISO 22196:2011 and verified for its compliance with the Japanese criteria defined in JIS Z2801:2012 for antimicrobial activity and efficacy, our laminate surface exhibits strong biocidal properties, with a reduction of 99,9% of the tested bacteria (Escherichia coli ATCC 8739, Staphylococcus aureus ATCC 6538).

Standards

SURFORMA, S.A is certified under ISO 9001 Quality Management System.

SURFORMA, S.A is certified under ISO 14001 Environmental Management System.

SURFORMA, S.A is certified under ISO 45001 Occupational Health and Safety Management System.

The GREENGUARD Environmental institute has awarded its Indoor Air Quality Certification for SURFORMA, S.A. All SURFORMA, S.A. laminate product types were tested under the stringent GREENGUARD standard for low-emitting products. All GREENGUARD Indoor Air Quality Certified products ensure minimal impact on the indoor environment. For a copy of the certificate, visit the site www.greenguard.org.

Recommendations

The advice and recommendations are of advisory nature only

Storage - SURFORMA® PERFECT MATT laminates should be stored so they are protected from moisture, humidity and direct sunlight. The laminates should preferably be stored face to face, flat in fully horizontal and level racks. They should not be stored rolled as this may induce a permanent bend.

Handling - When handling or moving SURFORMA® PERFECT MATT decorative laminates it is important that the sheets are lifted above adjacent sheets to avoid damage that can occur if the sheets are pulled or slid against each other. For larger sizes, it is recommended that sheets are carried arched along the longitudinal axis to prevent sagging. Individual sheets can also be rolled up for easier handling (roll with the decorative face inwards, making sure to avoid any sideways sliding motion).

The SURFORMA® PERFECT MATT laminates are supplied with a protective peel coat. It's recommended to leave it for protection during handling, transport and fabrication. Remove it after the finished product is installed and ready for use.

Maintenance and Cleaning - SURFORMA® PERFECT MATT require no special maintenance. Surface can be cleaned with warm water followed by wiping with a paper towel or soft cloth. Persistent contamination can usually be eliminated with non-abrasive household cleaners. Solvent-based cleaners must be used with care and should be tried first on an inconspicuous area to ensure that no surface damage results.

Strong acidic or alkaline products should be avoided because they can stain the surface. Do not use furniture polish or wax-based cleaners in general, because they tend to form a sticky layer on the matt surface that attracts and traps dirt; do not use metal scrapers, iron brushes or any other metal tool to remove stains, paint, plaster or other substances from the surface.

Always clean with gentle movements.

Superficial Micro Scratches - it's recommended to repair the micro-scratches within 48h:

Magical Sponge - Rub the magic sponge on the area where the micro-scratches can be seen. The sponge can be used dry or slightly damp. The surface should now be repaired.

Iron - Place a dampened sheet of kitchen roll over the area where the micro-scratches can be seen. Place the hot iron on the surface that needs repairing. Do not leave the iron on the surface for more than 10 seconds at a time and a maximum of 120°C. Rinse the repaired area with warm water and a microfiber cloth.

Waste Disposal - SURFORMA® laminates are a cured material chemically inert and are therefore classified as a non-hazardous product, thus not requiring any specific labelling. SURFORMA® PERFECT MATT laminates can be brought to controlled waste disposal sites according to current national and/or regional regulations. Burning is permitted in approved industrial incinerators. Each organization is subject to its own statutory and local laws.

This document makes no claim of completion in respect of the listing of the full details of standards referred to in the text.

All information is based on the current state of technical knowledge, but it does not constitute any form of liability. It is the personal responsibility of the user of the products described in this information leaflet to comply with the appropriate laws and regulations. The company reserves the right to modify this document without prior notification.