

FORMICA® ACCESS FLOORING



TECHNICAL DATA

RECOMMENDED APPLICATION

Access Flooring Tile is especially designed for access flooring systems where good appearance durability and resistance to stain, indentation and abrasion are required. It complies with requirements for low static generation and retention and assures ease of maintenance.

PRODUCT DESCRIPTION

Several layers of phenolic impregnated kraft paper filler stock, a layer of melamine impregnated printed paper assembled and consolidated at 1,400 psi and at temperatures exceeding 275°F (135°C). The back of the sheet is sanded to permit bonding. It is available in 1/16" and 1/8" thickness.

FABRICATION AND ASSEMBLY LIMITATIONS

Access Flooring is not recommended for applications other than shop fabricated access floors. Under layments can be particle board, steel, aluminum or plywood. It is not recommended for exterior applications. Do not use in areas exposed to 275°F (135°C). The back of the sheet is sanded to permit bonding.

STORAGE

Formica® Brand laminate should be stored horizontally, protected from moisture at optimum conditions of 75°F (24°C) and 45 to 55% R.H.

INSTALLATION

Access Flooring Tile should be bonded to particleboard, plywood or oil free steel and aluminum access flooring sections with a moisture free adhesive under recommended bonding pressures and conditions. The temperature of the material surface core and adhesive and the area in which the actual fabrication will be done should not be less than 65°F (19°C) with a relative humidity of not less than 35% and no more than 80%. All inside corners of Formica® Brand cut-outs should have a radius as large as possible, minimum 3.175mm (1/8") to prevent radial cracking. File the radius of the edges smooth and free of cracks and crazes.

Assembly of components should be accomplished using approved labor, material and equipment. The workmanship should conform to Formica Corporation established, practices, conditions, procedures and recommendations.

GRADES/FINISHES/SIZES

Industry standard is 600.075 mm x 600.075 mm (23.625" x 23.625") tolerance is + 0.000 or - 0.5 mm (.020").

Diagonal tolerance within 0.35 mm (0.015")

Other sizes available if required

THICKNESS: 1.587 mm (1/16") and 3.175 mm (1/8")

Access Flooring Tile is guaranteed to meet these standards when ambient conditions are 45%-55% RH and 65-75°F (19-24°C)

FINISH: Suede (a minutely-grained texture having a 60° specular gloss level of 8).

AVAILABILITY

Formica® Flooring Tiles are normally produced to order, but some stocks are maintained to handle such requirements. Stocks are also maintained by most floor manufacturers

COST: Variable according to quantity and type.

USE AND CARE

DO use a mop or vacuum cleaner to remove dust

DO use a lightly damp mop, warm water, mild soap or detergent for normal periodic cleaning

DO use a non-flammable organic solvent to spot clean stubborn stains. Dissolve stains without rubbing or scrubbing and blot dry

DO NOT use wax, oil or any other coating. Wax will not damage the surface but will adversely affect the static properties of the floor.

DO NOT use mops or other cleaning equipment that have been used for other floors. The transfer of water soluble particles or other foreign material may cause static problems. A perfectly clean surface is the best insurance against static problems.

DO NOT use any form of abrasive powder, pad or steel wool to clean floor. Abrasives are never necessary.

DO NOT subject floors to abuse nails or other metals in footwear.

During and after installation care should be taken to protect floor surface from foreign materials, e.g. wax that can be tracked from other areas.

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TECHINCAL DATA

TECHNICAL DATA

| PROPERTIES | NEMA TEST METHOD | ANTI-STATIC FLOOR TILE | | | | |
|---|------------------|------------------------|----------------|-----------------|----------------|-----------------|
| | | UNITS | NEMA STANDARD | FORMICA TILES | NEMA STANDARD | FORMICA TILES |
| Thickness | | | HDH | 0.125 (3.2MM) | HDM | 0.059 (1.5MM) |
| Light Resistance | 3.3 | rating min | SL | NE | SL | NE |
| Cleanability | 3.4 | rating max | 20 | 8 | 20 | 8 |
| Stain Resistance Reagent 1-11 | 3.4 | rating min | NE | NE | NE | NE |
| Stain Resistance Reagent 11-15 | 3.4 | rating max | M | NE | M | NE |
| Boiling Water Resistance | 3.5 | rating min | NE | NE | NE | NE |
| High Temperature Resistance | 3.5 | rating min | SL | NE | SL | NE |
| Linear Scratch Resistance | 3.7 | gms | NA | 300 | NA | 300 |
| Ball Impact Resistance | 3.8 | inches min | 75 | 90 | 35 | 50 |
| Dart Impact Resistance | 3.9 | inches | 24 | 30 | 24 | 30 |
| Radiant Heat Resistance | 3.1 | sec min | 200 | 300 | 150 | 200 |
| Dimensional | 3.1 | %MD max | 0.30% | 0.16% | 0.50% | 0.25% |
| Change (%) | | %CD max | 0.70% | 0.14% | 0.90% | 0.62% |
| Room Temperature Dimensional Stability | 3.11 | %MD max %CD max | 0.30% 0.70% | 0.11% 0.16% | 0.50% 0.80% | 0.07% 0.16% |
| Wear Resistance | 3.13 | Cycles min | 3000 | 4000+ | 3000 | 4000+ |
| Resistance (Surface to Ground) | NFPA 99 | max megaohms | NA | 20,000 Megaohms | NA | 20,000 Megaohms |
| Gloss | | | | 4-8 | | 4-8 |

LIMITED WARRANTY

Formica Corporation expressly warrants that its products are free of defects in materials and workmanship, are of merchantable quality and conform with accepted tolerance to applicable manufacturing specifications.

Because Formica has no control over the applications that this product may be put, the company can not make any other warranties expressed or implied other than those set forth above.

MANUFACTURER

Formica® Brand Laminate sheets are manufactured by Formica Corporation.

TECHNICAL SERVICES

Technical assistance may be obtained through your local Formica® Brand Products Distributor or from Formica Corporation trained representatives in sales offices throughout the country. To assist these representatives, Formica Corporation maintains a sales and technical services staff in Cincinnati, Ohio. For technical assistance, contact your distributor or sales representative; write the company directly at Formica Corporation Technical Services Department, 10155 Reading Road, Cincinnati, OH, 45241; call (513) 786-3578 or 1-800-FORMICA™; or fax (513) 786-3195. In Canada, call 1-800-363-1405. In Mexico, call (525) 530-3135.

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