

AGATI

MARMOLEUM® LINOLEUM FURNITURE SURFACE MATERIAL



784 Coffee



707 Barley



767 Rust



3201 Eucalyptus



769 Havana



435 Slate Green



3856 Whispering Blue



3874 Walnut



810 Flax



3048 Graphite



3861 Arabian Pearl



3136 Concrete

Environmentally Friendly • Biodegradable • Anti-Static • All Natural Ingredients

MARMOLEUM®

LINOLEUM FURNITURE SURFACE MATERIAL



CONSTRUCTION

Marmoleum homogenous surface finishing material shall be made of natural materials consisting of linseed oil, wood flour, rosin binders, limestone, dry pigments, mixed and calendered onto a natural jute backing.

APPLICATIONS

Marmoleum has been designed for use as a surface finishing material for:

- Library Furniture: Study Tables, and Carrels
- Office Furniture: as a design alternative to High Pressure Laminates
- Hospitality and Healthcare Furniture: including Conference and Restaurant Tables and Chairs
- Service Areas, Transaction Desks, Circulation Desks

TECHNICAL DATA

Flexibility

Will not crack or break when bent around a 1.25" (31 mm) diameter cylinder for 2.0 mm, around a 1.5" (38 mm) diameter cylinder for 2.5 mm.

Fire Resistance

ASTM E-662/NFPA 258 (Smoke Density) – 450 or less
ASTM E-648/NFPA 253 (Critical Radiant Flux) – Class 1
F.M.V.S.S. - 302--Meets or exceeds.

Resistance to Bacteria

Marmoleum provides a self-sanitizing quality in the form of a bactericidal effect. Tests indicate that Marmoleum has a sterile zone around the material, inhibiting contaminants such as staphylococcus aureus.

Chemical Resistance

Diluted Acids:

Sulfuric, Nitric, Hydrochloric, Acetic, Lactic, Citric	No effect
Sodium Hydroxide	Softening
Ammonia	Poss. softening
Soda Solution, Soap Solution (Slightly Alkaline)	No effect
Gasoline, White Spirit, Paraffin, Benzene, Toluene, Methyl Alcohol, Methyl Ethyl Ketone, Ethyl Acetate, Ether, Acetone	Poss. dulling
Mineral Oil, Vegetable Oil, Animal Fat	No effect
Blood, Urine, Excrement	No effect
Lipstick	No effect
Formaldehyde, Hydrogen Peroxide 3%	No effect
Hot Chili Paste, Shoe Polish, Iodine	Staining
Betadine	Staining
Silver Nitrate	Staining/poss. softening
Bitumen	No effect
Methylene Blue	Staining
Salt Water	No effect

**Marmoleum is NOT resistant to prolonged exposure to high alkalis.

Light Fastness

According to a TNO Seedlayer Method Test, Marmoleum with Topshield was found to have complete growth inhibition of the following bacteria strains when tested both untreated and after soaking in water:

- Staphylococcus aureus strain ATCC 6538 (a.o. furuncles)
- Staphylococcus aureus strain RIVM 89-646 (MRSA)
- Listeria monocytogenes strain ATCC 19117 (a.o. meningitis)

Light Fastness

Light fastness of at least 6, depending on color (Blue scale maximum is 8).

FEATURES AND BENEFITS

Durable

Marmoleum will retain its attractive appearance for decades, when properly maintained.

Self Healing Properties

Marmoleum is a flexible material so that minor scratches will disappear in time.

Fire Resistant

Marmoleum will not self-ignite. In the event of fire it will not contribute to the initial spread of surface flames.

Resistant to Cigarette Burns

Marmoleum will not melt. Marks caused by cigarette burns can be easily removed by rubbing gently with steel wool or a nylon scouring pad and applying a new coat of polish.

Easy to Maintain

Marmoleum is easily maintained with neutral detergent and water. Marmoleum does not absorb or visually show oils from fingerprints or hands.

Hygienic

Marmoleum is the ideal surface finishing material for people with respiratory disorders. Its natural, inherent properties actually halt the breeding of many micro-organisms.

Decorative

Marmoleum's color selection, matching or contrasting welding rod, and water-jet cutting give the ability to design, shape, and cut virtually any pattern or motif for endless choices.

Natural Raw Materials

Marmoleum is biodegradable and environmentally friendly. Linseed oil, rosins, cork and wood flour are Marmoleum's primary ingredients.

Naturally Anti-Static

Marmoleum has natural anti-static properties to repel dust and dirt making it easy to maintain a clean and healthy environment. Marmoleum's antistatic properties make it suitable as a finishing material on areas where magnetic, electronic control and measuring equipment is used.

Easy to Work With

Marmoleum is ideal for both industrial furniture production as well as manual operations.

Warm and Comfortable to the Touch

Marmoleum has a low coefficient of heat conductivity.

PHYSICAL CHARACTERISTICS

(dimensions are approximate)

Width	.79 inches (2 Meters)
Length	105 linear feet (32 Meters)
Gauge	0.080" (2.0 mm), 1/10" (2.5 mm), 1/8" (3.2 mm)
Backing	Jute
Roll size	77 square yards (64 square meters)

TECHNICAL SERVICES

For detailed product specifications, maintenance specifications and warranty information, contact Agati at 312-829-1977.

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