



PROTEK SHIELD M.I.O. GREY (SPECIAL) FLOORCOAT 6550 SERIES

PROTEK SHIELD M.I.O. FLOORCOAT is a floor coating designed for medium to heavy service traffic. This coating contains multiple layers of interleaving and overlapping metallized pigment, which shield the underlying coating film. Reduce ultra violet light exposure. Provides a tough, durable coating for almost any substrate is fast curing and has excellent flexibility. Protek Shield also has shown properties of being flame retardant. This coating is also excellent for chemical resistance including many solvents, acids, alkalis, fuel, and oil. PROTEK SHIELD is abrasion resistant and provides a protective shield against moisture and pollutants, it effectively creates a barrier to impeded moisture permeation.

PRODUCT TYPE: Moisture Cure, Aromatic, Polyurethane.

SPECIFIC GRAVITY: 1.35

DRY FILM: 3-5mil d.f.t. per coat. Two coats should be applied.

COLOURS/FINISH: Light and medium gray, tile red, aqua green, aqua blue. Matte finish.

FLASH POINT: 41°C/105°F

SAFETY: Toxic in spray, inert in dry film. Free Isocyanates are less than 0.1% at 20°C/77°F.

APPLICATION:

Wet edge at 20°C/68°F and relative humidity 0.5 hours.

Dry to touch at 20°C/68°F and relative humidity 1 hours.

Dry to Recoat at 20°C/68°F and relative humidity 4-6 hours.

Full Cure at 20°C/68°F and relative humidity 3 days.

Reduced humidity or temperature prolongs dry times.

RECOAT: Within 96 hours or abrade surface first.

ODOUR: Orange Fragrance.

SATIN POLYURETHANE VARNISH 8450 SERIES TECHNICAL DATA

Ultra premium quality coating with a satin, durable, mar resistant finish and exceptional low odour. Urethanes are commonly used for the home, manufacturing factories or institutional applications. Exceptional product for the gymnasium floors, dance halls, floors in the work place or home.

SPECIFIC GRAVITY: 0.89

GLOSS: Satin 25-35 @ 60°

FLASH POINT: 40° C

VISCOSITY: 38 seconds (#4 Ford)

HEAT RESISTANCE: Up to 100 C, dry heat (above which discolouration will occur).

AGRICULTURE CANADA: Approved for food storage.

SURFACE PREPARATION:



All surfaces should be clean, dry, and free of dust, grease, wax or other contaminants. Cleaner should not leave a residue like soap. If water and/or water-based cleaner is used, a period of at least 2 days is recommended at room temperature and longer if floor is cooler to allow the moisture time to escape. Especially in industrial applications make sure that if previously coated with silicone or other incompatible products they MUST be removed. Therefore a test area is suggested.

APPLICATION: Apply at air temperature of 10⁰ C or higher. May be applied by brush, roller, or spray. Stir product with a circular, lifting motion prior to using the product.

Brush-Pure bristle is recommended.

Roller- Smooth sleeve is recommended.

Spray- (Airless Equipment) - .011" to .015" tip size.
- 2000-2500 p.s.i.

DRY TIME: Dry to touch 4-6 hours.

Recoat 6-12 hours. Sanding required if longer than 24 hours.

SPREADING RATE: Up to 450 Sq. ft/ 4 litres yields approx. 3 mils wet (1.2 mils dry) film per coat. Surface texture and porosity will affect actual yield.

CLEAN UP: Use mineral spirits to wipe spots/smears and to clean tools.

THINNING: Not normally required but where necessary small amount of mineral spirits.

CLEANING MAINTENANCE: After a period of 30 days, surfaces may be washed periodically. Abrasive cleaners and waxes are not recommended.