

5080R

TEMPORARY COATING

KATS 5080R is a robust water based synthetic acrylic copolymer coating designed to protect nonporous surfaces from abrasion and environmental damage. With minor modification to current KATS 5080, it gives a harder film that minimizes penetration of dirt/iron filings, and is designed to minimize sagging during application. It may require high pressure water or mild sponge agitation during final rinsing. The coating is easily removed using KATS 8077.

KATS 5080R is especially valuable where the surfaces are exposed to airborne dust, particularly ferrous dust.

The surfaces to be protected should be clean and dry. Apply KATS 5080R in an enclosed area without excessive wind. KATS 5080R can be applied using a water-compatible HVLP or conventional spray system. HVLP is recommended due to its transfer efficiency.

Ambient/Surface Temperature..... 45° - 100°F (7° - 38°C)

Ideal Surface Temperature 60° - 80°F (16° - 27°C)

Note: Insure the coating is dry before exposing to the elements.

Wet Film Thickness ... 3 - 5 mil (76.2 - 127 microns)

Dry Film Thickness 0.3 - 0.5 mil (7.62 - 12.70 microns)

Typical Coverage..... 352 - 587 ft²/gal (8.6 - 14.4 m²/l)

Agitate before and during use.

BENEFITS:

- Trace amount of VOC
- Elimination of costs associated with surface damage
- Excellent protection from ferrous dust and iron filings
- No masking (except windows, for visibility when driving)
- Low labor time (and cost) for application and removal
- No plastic film to dispose of
- Can be removed up to 12 months after application
- Non-offensive odor
- Contains no hazardous air pollutants
- Biodegradable and environmentally safe

APPLICATIONS:

KATS 5080R is most often used to protect during transit and storage. Typical applications include:

- Automobiles
- Boats / watercraft
- Recreational vehicles, ATV's
- Machine tools
- Farm equipment

TEST METHOD	DESCRIPTION	TYPICAL CHARACTERISTIC
GM 9163P	6 Months Florida Exposure	Pass – 100% protection and removability
GM 3.3.4	Iron Filing Resistance	Pass - 100% protection
GM 3.3.3	Acid Rain and Bird Dropping	Pass - 100% protection
GM 3.3.7	QUV Exposure plus Removability	Pass - 100% protection No marring, cracking, or discoloration of paint
GM 3.3.5	Environmental Cycle	Pass - 100% protection
GM 3.3.1	Humidity Resistance	Pass - No loss of film integrity
ASTM D-2243	Freeze and Thaw Stability, Cycles Passed	5
ASTM D-1200	Viscosity Ford Cup #4 @ 72°F (22°C)	20 - 150 Seconds
ASTM D-1475	Density	8.5 lb/gal (1.02 g/cm ³)

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

PACKAGING

260 Gallon Totes	55 Gallon Drums	5 Gallon Pails
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