

458-58ASi

Polyurethane

OIL MODIFIED 458-58ASi VOC-COMPLIANT SUPER THANE

An all purpose Class 1, Soybean Oil air drying Polyurethane designed to produce highly durable gloss and flat finishes with very stable sheen retention supplied in mixture of Aromatic 100 and Siloxane solvents. A flat or satin urethane finish will maintain its original sheen retentive properties during storage compared to most polyurethanes that exhibit an upward increase creep in gloss.

PAINT CHARACTERISTICS

Fast Dry
 Excellent gloss retention
 Excellent alkali resistance
 Excellent hardness
 Brush, spray, rollercoat

FILM CHARACTERISTICS

Air Dry:
 Set to touch 1 – 1 1/2 hrs.
 Tack Free 3 – 3 1/2 hrs
 Hard Dry 5 – 6 hrs

Resistance:
 Weather Excellent
 Water Excellent
 Gasoline Excellent

Recommended Driers

Fastest Dry
 (% metal on resin solids)
 Cobalt 0.02
 Zirconium 0.04
 ASA 0.20

Lightest Color

Manganese 0.0025
 Actrive-8 0.025
 Zirconium 0.015
 ASA 0.20

USES

VOC-compliant general purpose finish
 Floor Finishes
 High Gloss and Satin Finishes
 Spar Varnish
 Marine Finishes

SPECIFICATIONS

| | |
|-----------------------------|---------------------------------|
| Viscosity (G-H) @ 25°C) | Z ₃ – Z ₅ |
| Solids +/- 1 | 58% |
| Type | Soya |
| Solvent | OMTS*/A100; 64/36 |
| VOC gram/l (as supplied) | 210 |
| Color (Gardner) | 5 Max |
| Acid value (solids) | 3 Max. |
| Average Lbs./Gal. | 8.7 |
| Modifier | None |

* Octamethyl Cyclotetrasiloxane

COMPATIBILITY

(Modifier to urethane)
 T&W 300-70M All ratio
 T&W 402-50M All ratios
 T&W 440-50M All ratios

SWARD HARDNESS

| | |
|----------------|----|
| 24 hr air dry | 24 |
| 7 days air dry | 44 |