

SYNTRAN® 1655

Technical Bulletin

SYNTRAN® 1655 is based on a proprietary self-crosslinking technology. This technology combines two different crosslinking mechanisms on the same polymer backbone, which substantially increase the chemical resistance, stain resistance and water resistance of the cured polymer film. This technology was designed for the self-crosslinking mechanism to fully cure at room temperature, but maintain standard long-term shelf stability.

Performances

Applications	Concrete sealers Furniture & KCMA coatings
Features and Benefits	Excellent household stain resistances Excellent hot tire & Skydrol resistance Film has very high gloss and hardness Low VOC requirements to formulate coating

Typical Chemical and Physical Properties (do not constitute specifications)

Physical form	White emulsion
Solids content	40 ± 1.0%
pH value	8.0 ± 1.0
Viscosity	< 200 cps
Density	1.051 ± 0.005
MFFT	75 ± 3°C
Freeze-thaw stability	Protect from freezing
Stability at 52°C	Unchanged after 30 days

Safety, Storage, Handling

Please refer to Material Safety Data Sheet.
Shelf life: 12 months from shipping date in originally sealed containers.
Storage: between 5°C and 35°C.

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100 Proof Alcohol Test *(Photos show results of coated oak panel after 24 hours)*

Formulation based on Syntran 1655



Formulation based on standard acrylic



Hot Tire Resistance Test *(Photos show results of 60°C tire strip pressed on surface at 1000 psi for 15 mins)*

Formulation based on Syntran 1655



Formulation based on standard acrylic



Skydrol Spot Test *(Photos show results of coated concrete tiles after 60 mins)*

Formulation based on Syntran 1655



Formulation based on standard acrylic

