

BIO-CRYL®

652

PREMIUM WHITE
ELASTOMERIC ROOF COATING



Thin Film Technology, Inc.

PRODUCT DATA SHEET

BIO-CRYL™ 652 is a 100% acrylic, water reducible, corrosion resistant coating for industrial use. Designed for both new construction and maintenance use, it provides a uniquely adhesive and flexible reflective surface when used directly over metal, urethane, concrete, smooth BUR, EPDM, Hypalon and other approved roof surfaces.

BIO-CRYL™ 652 Properties:

Outstanding adhesion
Water clean up
Permanent Flexibility
Excellent exterior durability
Simple one-component application

RECOMMENDED USES

PROTECTIVE COATING: Over all types of new or existing roofs.
UV RESISTANT COATING

TECHNICAL INFORMATION

VEHICLE TYPE	100% acrylic resin
PIGMENTATION	Color/Inert
COLORS	White
FINISH	Semi-Gloss
THINNER	Not normally required – water if necessary
CLEANER	Soapy Water
MIXING RATIO	NA – single component
INDUCTION TIME	Not required
POT LIFE	NA – single component
FLASH POINT	Over 200°F
SOLIDS BY VOLUME	52%
SPREADING RATE/GAL.....	100 sq.ft./gallon at 8.4 mils
DRY TIME, (Between Coats)	24 hours at 77°F
APPLICATION METHOD.....	Brush, roller, airless or conventional spray
STORAGE CONDITIONS.....	Normal, Avoid Freezing
VOC	<50 g/L;

APPLICATION NOTES

SURFACE PREPARATION: Surface must be clean and dry, and in sound condition. Remove all oil, dust, dirt, loose rust, and other foreign matter to ensure adequate adhesion. Do not use hydrocarbon solvents such as regular paint thinner for cleaning since these may leave an incompatible residue which will reduce adhesion. Power washing to remove dirt and excessive chalking is preferred.

MIXING PROCEDURE: Mix well in can or pail to ensure homogeneity before application.

APPLICATION:

- 1) Use a brush or roller to apply from a tray for a coverage rate of about 100 sq.ft. per gallon.

Nylon/Polyester brushes
3/4" woven solvent resistant core
No reduction – apply straight from can

- 2) Apply by airless spray using the following equipment setup:

Spray Unit: All Graco commercial units or similar equipment
Mix ratio: single component
Fluid pressure: 2,800 psi
Fluid temp: ambient
Filters: 60 mesh
Tip: .033" orifice – no diffuser pin - reversible
Reduction: Add up to 12.5% water as necessary

Do not apply at temperatures below 50°F or when rain is forecast. High humidity will extend dry time.

CURING BEFORE SERVICE: **BIO-CRYL™ 652** will be hard and fully functional within 24 hours. However, it will be about 30 days at 77° F before it is fully cured.

WE URGE YOU TO READ THE MATERIAL SAFETY DATA SHEET (MSDS) BEFORE USING PRODUCT AND TO CALL THIN FILM TECHNOLOGY, INC. AS NECESSARY FOR ADVICE OR INFORMATION BEFORE ANY ACTUAL OR CONTEMPLATED APPLICATION.



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SAFETY: This is a hazardous material if misused. Read and understand the Material Safety Data Sheet (MSDS) before use.

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