

UL 746C

For information applicable to KYDEX® FST please refer to 300 series technical briefs.

TB - 111-B

ClearJet

Clearstar Corporation offers a UV-protective spray coating called ClearJet that can be applied to KYDEX® sheet for flat sheet applications or to formed parts for added UV protection. The Original coating is offered in a gloss and semi-gloss finish and can easily be applied by spraying or roll coating.

ClearJet was applied to KYDEX® T, colors 72010 Chocolate and 62000 Polar White using the 12-oz aerosol can. Two light coatings were applied according to the directions and the results are listed below. ClearJet increased the Chocolate's natural protection by over 6X and the Polar White's by well over 4X.



Solvent-based UV Protective Coating:

- Use Instead of Film Laminates
- Contains State-of-the-Art UV Inhibitors
- Chemical Resistant
- Abrasion and Mar Resistant
- High-Performance
- Highly-Flexible
- Banners, Vinyls, Fiberglass, Wood, Metal, Plastic, Canvas, and Paper
- Won't Yellow
- Formulations for Specific Applications

Original ClearJet

- *Type A2000* No Clean-Up Aerosol Spray Cans: 12 oz. net Aerosol Can
- *Type BR* Brush & Roll Formula: Quarts & Gallons
- *Type S* Ready-to-Spray Formula: Gallons
- *Series FA* Fine Art Applications (FA - Available in BR, S and aerosol versions)

Original ClearJet

- Gloss and Semi-gloss

Note: Always test before using

KYDEX, LLC

ISO 9001 and 14001 Certified

Customer Service

6685 Low St, Bloomsburg, PA 17815 USA
Phone: 800.325.3133, +1.570.389.5810
Outside the US: +1.570.389.5814
Fax: 800.452.0155, +1.570.387.7786
Email: info@kydex.com

Technical Service

Phone: 800.682.8758
Fax: +1.570.387.8722
Outside the US: +1.570.387.6997
Email: techservice@kydex.com

www.kydex.com

UL 746C

For information applicable to KYDEX® FST please refer to 300 series technical briefs.

TB - 111-B

QUV Test Results on KYDEX® Sheet

Product/Color	Hours	L	a	b	E
KYDEX® T 72010 Chocolate W/ ClearJet UV Spray	250	-0.076	0.054	0.116	0.149
	500	0.079	0.041	0.035	0.096
	800	0.512	0.033	0.533	0.740
	1000	0.655	0	0.102	0.663
KYDEX® T 72010 Chocolate	1700	4.168	-0.342	-0.878	4.273
	250	3.785	-0.528	-1.416	4.076
KYDEX® T 72010 Chocolate	500	9.579	-1.113	-3.071	10.121
	250	-0.397	0.118	0.181	0.452
KYDEX® T 62000 Polar White W/ ClearJet UV Spray	500	-0.476	0.087	0.485	0.685
	800	-0.756	-0.001	1.529	1.706
	1000	-1.023	-0.079	2.999	3.170
	250	-0.274	-0.458	4.539	4.570
KYDEX® T 62000 Polar White	500	-0.764	-0.568	8.704	8.756

Note: Results may vary depending upon humidity, heat, geographical location, and hours spent in direct sunlight.

Exposure: Continuous cycle consisting of 8 hours of UV at 50°C (122°F) followed by 4 hours of condensation at 50°C (122°F), this closely follows ASTM D4329, Cycle C with a UVA 340 type lamp. This test is an approximation of how the material will react to real weather environments, but is not an exact model due to the fact that all weather conditions vary and are not constant.

For more information, contact the Clearstar Corporation:

Clearstar Coatings Corporation

1.888.253.2778 (toll-free)

1.843.886.3701 (fax)

www.clearstarcorp.com

KYDEX, LLC

ISO 9001 and 14001 Certified

Customer Service

6685 Low St, Bloomsburg, PA 17815 USA

Phone: 800.325.3133, +1.570.389.5810

Outside the US: +1.570.389.5814

Fax: 800.452.0155, +1.570.387.7786

Email: info@kydex.com

Technical Service

Phone: 800.682.8758

Fax: +1.570.387.8722

Outside the US: +1.570.387.6997

Email: techservice@kydex.com

www.kydex.com

Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability of the accuracy of this information or the suitability of our products in any given situation. Users should conduct their own tests to determine the suitability of each product for their particular purposes. Data in the physical property table represents typical values and are to serve only as a guide for engineering design. Results are obtained from specimens under ideal laboratory conditions. Right to change physical properties as a result of technical progress is reserved. THE PRODUCTS DISCUSSED ARE SOLD WITHOUT WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, EITHER EXPRESSED OR IMPLIED, EXCEPT AS PROVIDED IN OUR STANDARD TERMS AND CONDITIONS OF SALE. Buyer assumes all responsibility for loss or damage arising from the handling and use of our products, whether done in accordance with directions or not. In no event shall the supplier or the manufacturer be liable for incidental or consequential damages. Also, statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Consult local code and regulatory agencies for specific requirements regarding code compliance, transporting, processing, recycling and disposal of our product. Product not intended for use as a heat resistant surface. Texture, product grade and other conditions may cause variations in appearance.

This information supersedes all previously published data.