

/// Built by Rail People, for Rail People.

TriFLEX™

KRY
COATING & DENİZCİLİK

ADVANCED
POLYMER COATINGS

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TriFLEX™



3 IN 1



/// TRIPLE RESIN TECHNOLOGY

See what's inside

TriFLEX™ is a one coat, triple hybrid resin technology direct-to-metal (DTM) exterior coating system that combines polyurethane and polyaspartic resins modified with a proprietary polymer resin blend to deliver exceptional weatherability, color and gloss retention, and mechanical performance.

RESIN 1: POLYURETHANE

Combining with a Polyurethane Resin, TriFLEX™ gains improved chemical resistance, UV stability, and weather resistance, ensuring your rolling stock maintains its appearance for an extended period.

RESIN 2: POLYASPARTIC

TriFLEX™'s Poylaspartic Resin offers an industry-leading dry time, enabling substantial cost savings and getting you back in service faster.

RESIN 3: PROPRIETARY POLYMER BLEND

A unique blend of polymer resins completes the formulation, providing TriFLEX™ with an advanced level of impact and corrosion resistance. This blend also enhances flexibility, ensuring your rail cars remain protected regardless of the climate they encounter.



UV Stability

Weatherability

Dry Time

Flexibility

Corrosion Resistance

Chemical Resistance

Return to Service

Impact Resistance

/// DESIGNED TO OUTPERFORM, BUILT TO LAST.

ISO 12944-6 C4 TESTING: THE GOLD STANDARD



TriFLEX™ has demonstrated exceptional durability, passing the C4 Very High Regime 1 and C4 High tests, corresponding to an estimated 20-25 years of service life in a C4 environment.

TriFLEX™ exhibited no blistering, cracking, flaking, or rusting during this demanding test, highlighting its outstanding performance.

Following the testing, TriFLEX™ received the highest ISO 12944-6 rating among all available railcar exterior coatings.

This rating confirms TriFLEX's™ position as a top choice for railcar owners and lessors seeking a durable, long-lasting exterior coating solution.



/// PERFORMANCE PROPERTIES

One coat, triple hybrid resin technology direct-to-metal (DTM) exterior coating system

Property	TriFLEX™
Pot Life	1 hour at 77ºF
Sag	30 mil +
Linear Dry Time	6 hrs
Conversion	~80% after 3 days
Hardness	95
Gloss (60')	65-70
Direct & Reverse Impact (in-lb)	> 160
Adhesion (psi)	~2,500
VOC (g/L)	162.5
% solids by Volume	83.9%