



TRINSEO™

INDURO™

Durability for the long haul

Highly engineered continuous
cast acrylic capped sheet
for transportation

2023 Global | English

Connecting ideas with solutions

aristechsurfaces.com trinseo.com





Easily withstands road demands

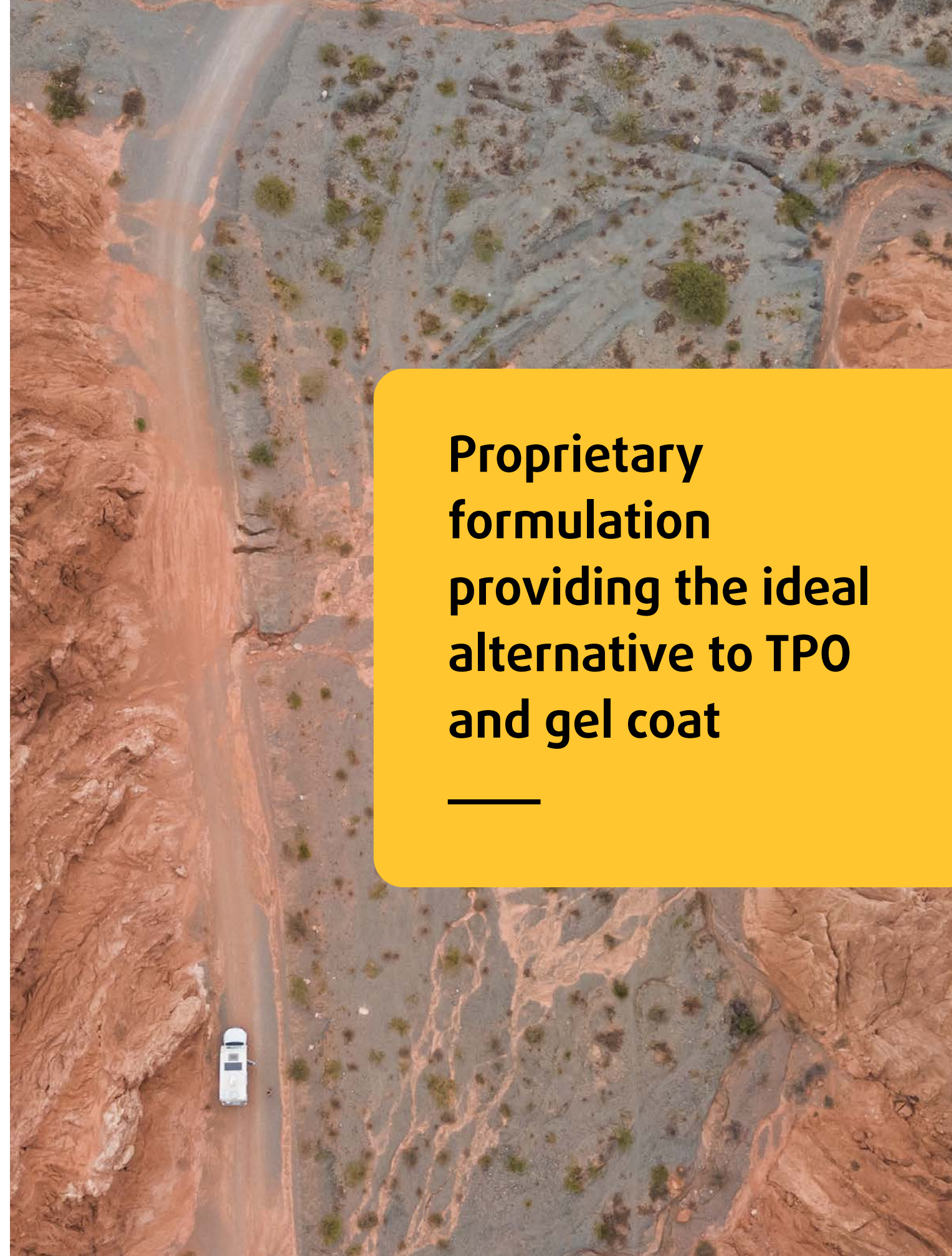
INDURO™ is a recent addition to Trinseo's material solutions portfolio resulting from the 2021 acquisition of Aristech Surfaces LLC, a leading provider of acrylic surface solutions for over 50 years. A rich history, customer-centric focus and a journey of innovation has defined us as an organization.

Offering a full range of engineered materials to combat specific needs in a extensive range of applications, we are here with you, solving the challenges and generating ground breaking proprietary solutions.

INDURO™ is a highly engineered, acrylic capped sheet, formulated to withstand what the road demands. Temperature resistance, scratch and chemical protection, consistent form and weight, INDURO™ provides a best-in-class superior strength solution for a range of applications within the Recreational Vehicle and Transportation markets it was specifically designed for.

Offering 5 times greater surface finish layer qualities over TPO and Gel Coat, INDURO™ was developed providing superior protection from UV damage and chalking. It also holds greater color retention, and gloss level surface finish durability, than its counterparts, which will last year over year, exceeding customer's expectations.

Non-porous, and easy to maintain
"discover the difference in your journey, with INDURO™!"



**Proprietary
formulation
providing the ideal
alternative to TPO
and gel coat**

Simply performance

More Than Just a Surface Finish

Superior Color Fastness

Fully pigmented layer > 0.100" (2.5 mm) deep and easily color-matched by our expert R&D team, INDURO™ provides the superior shield protection for what mother nature has in store. Rest easy knowing there will be ZERO paint chips, scattered over your journey and you'll receive nothing but the long lasting durable appearance you will come to know, and expect.

Extreme UV Stability

Trinseo has an extensive knowledge base within the "outdoor extremes" and formulating materials that perform in specific applications, such as: facade, signage, marine, agricultural, etc. Designed with dominant UV resistance, remarkable non-fading and non-yellowing characteristics, INDURO™ raises the bar in the RV front cap industry. Compared to Gel Coat or CoEx TPO products, INDURO™ has an excellent color stability, even after years of the UV exposure, range in humidity levels and varying weather conditions. Perfect for storage outdoors and expected surface aesthetics for years to come.



Advanced Production

Produced in one of the most advanced and flexible production facilities in the world, with INDURO™ you have "choices". "Choices" to reduce the amount of scrap, by ordering the optimal length, width and calliper. "Choices" to save money with an over 50% faster part production processing time, when compared to other materials. "Choices" to increase throughput with less time wasted in line, reworking, fixing chips and scratches on inferior materials, due to improper handling and installation damage. Most of all, "choices" to do your part for future generations and eliminate hydrocarbon emissions from your manufacturing process.

Consistent Form and Function

Compared to the uneven consistency in production methods of gel coat products, there is no longer a guessing-game with the weight, form or fit on the final production line with INDURO™. Repeatable, consistent calliper thickness throughout the full width of the sheet, means the exact part you want is simply produced.

Refresh and Be with Nature

Known for its smooth, high gloss surface finish, INDURO™ is chemical and stain resistant, can be sanitized and easily repaired if the need occurs, with a simple blending technique. INDURO™ is non-porous and does not harbour germs, stain or hold dirt, making maintenance a snap.

Elevate
your expectations

Let the
adventure
begin with
INDURO™!



INDURO™ is ideal for thermoforming applications, wind deflection protection, wall cladding and more.

With a far superior heat deflection temperature of 180° F (@ 264 psi), almost 50° F higher than TPO, INDURO™ is the most durable choice for a material performance that last for years. No warpage, no dullness, simply the pristine condition you can expect with INDURO™.

	INDURO™	Gel Coat / FiberGlass	Co-extruded high gloss TPO on TPO substrate (Talc filled)	Laminated "Paintable" Film Layer on TPO (Talc filled)
Performance and Finish				
	> 0.100" (2.5 mm)	0.004" - 0.020" (0.1 - 0.5 mm)	0.015" - 0.020" (0.4 - 0.5 mm)	0.020" (0.5 mm)
Fully pigmented layer	5	4	3	5
Color Match with a full spectrum palette	5	4	3	5
Painting Required	NO	YES	NO	YES
Surface finish durability	5	2	3	3
UV Stability/Color Fastness	5	3	3	5
High Gloss Finish	5	3	4	5
Smooth, Consistent Surface Finish	5	3	4	5
Field Repairable	5	3	3	3
Free of Styrene Emissions	5	3	5	5

Mechanicals and Technical

Flexural & Tensile Strength	5	4	3	3
Heat Deflection temperature	5	5	3	3
Hardness/Scratch resistance	5	5	3	3
Impact Performance	4	2	5	4
Consistent Weight	5	3	5	5
Consistent Formed Part, Fit and Finsh	5	3	5	5
Chemical Resistance, to Common Household Cleaners	5	5	5	5
Form and Fabrication	5	2	4	3
Easy to Clean, Resistant to Dirt	5	3	5	5

Rating Options: 1 Worst 2 Below average 3 Average 4 Above average 5 Excellent

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