



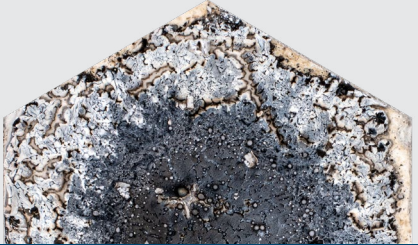

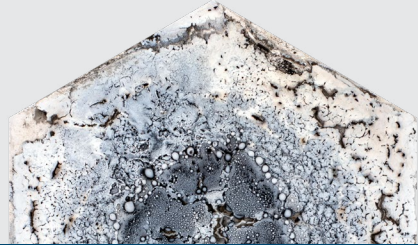
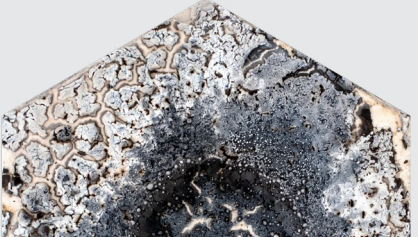

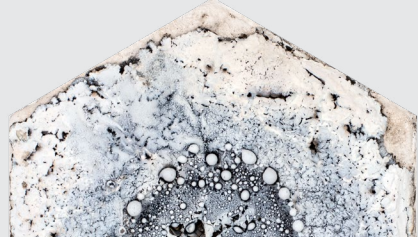
New DOWSIL™ LPA-4000 Sprayable RTV Ablative can handle the heat

With aerospace launch cadences and frequency at an ever-increasing pace, the demand for cost-effective, reliable, and sustainable protective materials is at an all-time high. Offering lighter weight, lower cost, and innovative protective materials continues to challenge designers and manufacturers.

The heat is on

Addressing the challenges in these fast-paced emerging technologies, DOWSIL™ Silicone Ablatives provide heat protection, help to enable application efficiencies, offer reduced cycle time and provide structural protection of launch infrastructure, and new DOWSIL™ LPA-4000 Sprayable RTV Ablative stands up to the heat. When compared to competitive materials, this new advanced silicone ablative offers tough, tenacious char characteristics, cures in depth within 24 hours, and is solvent free. In addition, it is non-slumping and capable of coating vertical surfaces. Its distinct composition allows application on vertical surfaces to target coat thickness in a single event – no need to apply successive layers, saving both time and cost. Let us show you.

DOWSIL™ LPA-4000 Ablative vs. competitive materials

DOWSIL™ LPA-4000 Sprayable RTV Ablative	Competitor A	Competitor B
10 seconds		
		
20 seconds		
		

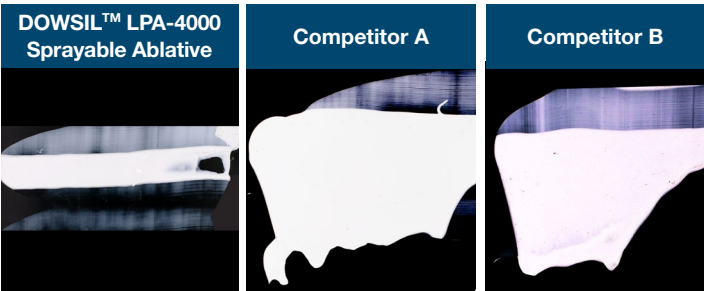
DOWSIL™ LPA-4000 Sprayable RTV Ablative provides anti-slumping application when compared to competitive materials.

Comparative slump data

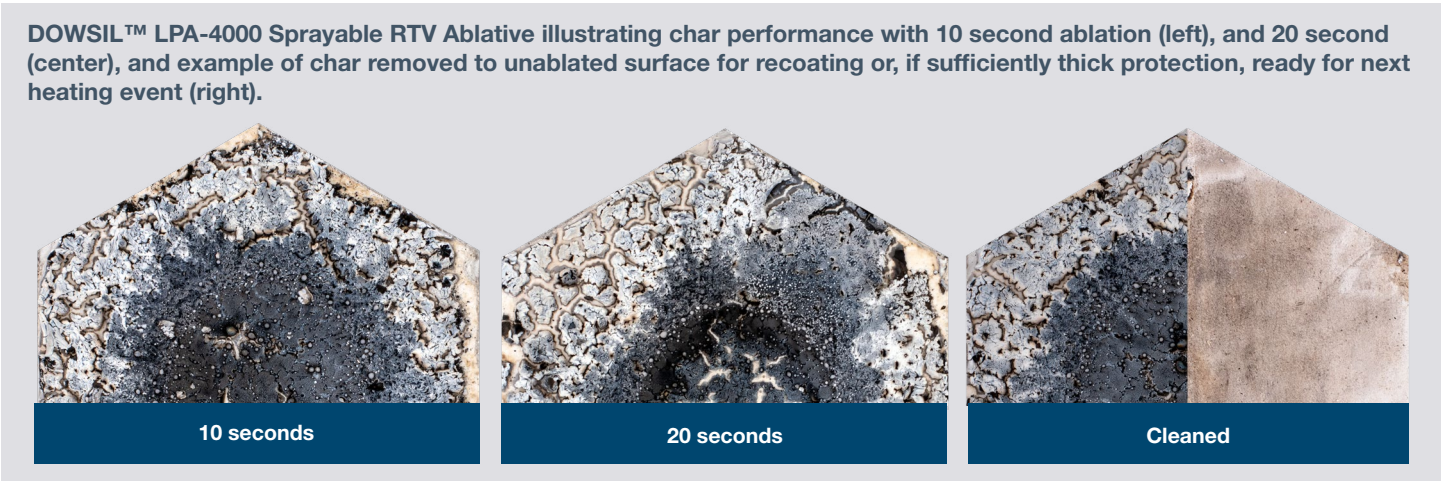
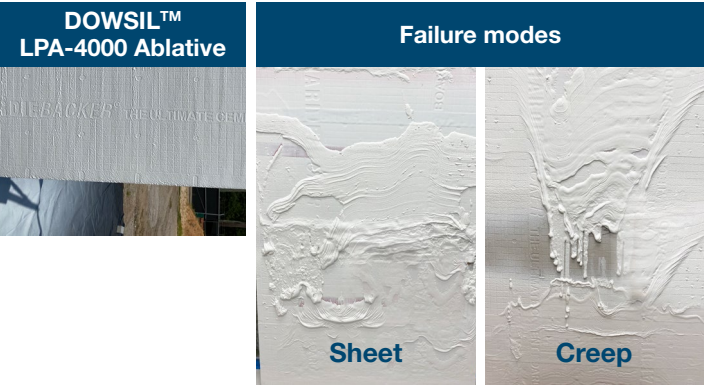
Product	Slump resistance	Solvent	Char performance
DOWSIL™ LPA-4000 Sprayable RTV Ablative	>120 mils	0	Durable
Competitor A	< 80 mils	4%	Weak
Competitor B	< 80 mils	10%	Weak

Typical values, not to be construed as specifications. Users should confirm results by their own tests.

Competitor slump comparison at 120 mil after 20 minutes



Competitive materials field failure when compared to DOWSIL™ LPA-4000 Sprayable Ablative



Discover more

This class-leading ablative material is designed for application flexibility, ease of use, and sustainability, and provides asset protection with improved efficiency and reduced cycle time.

We bring more than just an industry-leading portfolio of advanced silicone-based materials. As your dedicated innovation leader, we bring proven process and application expertise, a network of technical experts, a reliable global supply base, and world-class customer service. To find out how we can support your applications, [visit dowablatives.com](https://www.dowablatives.com).



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