

# QUALITY RESULTS MADE EASY

**EPOCAST® 1645 FR A/B  
void filler can increase  
productivity with faster  
processing times  
and an off-ratio mix  
tolerance of up to 40%.**

In a fast assembly environment, why make operations more complicated than they need to be? Mistakes in hand-mixing risk a loss in strength and quality, while short shelf-lives increase your inventory management complexity.

EPOCAST® 1645 FR A/B void filler can increase productivity thanks to its 1:1 mix ratio, color mix indicator, and excellent off-ratio mixing tolerance. It is also sandable within 2-3 hours and cures in one day at room temperature. A long shelf-life helps to simplify inventory management and further reduce costs.

This flame-retardant void filler can also increase end-product performance. Compared to competitive products, EPOCAST® 1645 FR A/B void filler can provide up to a 23% improvement in strength at room temperature and up to an 85% improvement at elevated temperatures.



**MADE POSSIBLE**

## WHAT MAKES EPOCAST® 1645 FR A/B VOID FILLER DIFFERENT?

EPOCAST® 1645 FR A/B void filler is an ultra-low density, two component, flame-retardant, epoxy syntactic material, ideal for aerospace applications such as edge filling and reinforcement of honeycomb panel structures.

### SUPERIOR PERFORMANCE

**1:1** mix ratio

Easy 1:1 mix ratio  
(pbw or pbv)

**↑40%**

Up to 40% off-ratio  
mix tolerance

**2,800 psi/19.3 MPa**

Compression (Room temp) =  
23% improvement

**500 psi/3.4 MPa**

Compression (300°F/150°C) =  
85% improvement

**350°F/175°C**

Designed for service temperatures  
of up to 350°F/175°C

**↑100%** Up to 100%  
longer shelf-life



### IMPROVED PRODUCTIVITY

**↑50%**

Up to 50%  
faster cure

**2-3** hrs

Sandable  
in 2-3 hours



For more information:  
[www.aralditematerials.com](http://www.aralditematerials.com)

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