



# Technical Data Sheet C-400 Series

**Description:** High Aspect Ratio Platelets in the form of gray powder, C-glass

**Grades:** C-400N (non-surface treated)

**Intended Use:** Thin-film (75–150  $\mu\text{m}$  DFT) barrier coatings, anti-corrosion primers, and high-gloss decorative topcoats.

**Typical Physical Properties:**

% Solids by Volume:	100
Color:	light grey
Shelf life:	10 years
Nominal thickness:	5 $\mu\text{m}$
Oil absorption:	70-90 g/100g
Service Temperature:	-40°C to 350°C
PSD:	>45 $\mu\text{m}$ : 12%, <45 $\mu\text{m}$ : 88%

Technical data should be considered representative or typical only and should not be used for specification purposes.

**Limitations:** None

**Application Instructions:**

1. Apply glass flakes (C-400 series) directly to the resin, the glass flakes should account for 20%-30% of the finished product.
2. Mixing with the mating part within resin's recommended working time by mixer.

**Chemical Resistance:** All kinds of Chemical materials.

**Storage:** Store in dry place.

**Packaging:** Dimension per bag: 80×50×25 cm  
C-400 series is supplied with moisture proof paper bags, each containing 25kgs net weight. Bulk shipments are further packed in pallet boxes and protected by polythene wrapping.

**Precautions:** Please refer to the appropriate material safety data sheet (MSDS) prior to using this product.

## FOR INDUSTRIAL USE ONLY

**Disclaimer:** All information on this data sheet is based on laboratory testing and is not intended for design purposes. GlassFlakes LLC makes no representations or warranties of any kind concerning this data.

For more information, please visit:

<https://www.glassflakes.com/products/glass-flakes-c-400>