

# Firetonite® 9000

## FIRETONITE® 9000 – Fire-resistant epoxies and coatings

Firetonite® 9000 resin is low viscosity solvent free reactive epoxy system for applications that require good fire resistance, low viscosity and good mechanical properties. Firetonite® 9000 is a non-toxic resin and it does not contain free halogens. The system is tailor made for industrial use and is suitable for

coating and composite applications including RTM, VARTM, Pre-Preg, Filament Winding and pultrusion applications. Firetonite® 9000 is based on a very special unique Epopox™ resin and modified nanoparticle additives. For the most demanding applications, like passenger ships and airplanes,

the Firetonite® 9000 based composite is recommended to coat with Cleantonite T-coating. The system can be tailored with different curing agents and additives to meet required curing, pot life and other process demands.

### Applications

For professional use only: very low viscosity resins, suitable for coatings and composites, no free halogens and non-toxic, nano enhanced.

**TABLE 1: Technical data**

Firetonite® 9000 – flame retardant, low viscosity epoxy systems	
EEW, g/equivalent	190 – 210
Viscosity at 25 °C, mPa·s	6500 ± 1000
Hydrolysable chlorine, w %	< 0.4
Free halogens, %	0

### Storage Data

The system does not crystallize. Storage time is at least three years in closed containers stored at 5 – 40 °C protected from direct sunlight and water.

### Amroy Europe Oy

P.O. Box 144  
 FI – 15101 Lahti, FINLAND  
 Fax +358 20 711 8609 (production), +358 20 711 8608 (office)  
[www.amroy.fi](http://www.amroy.fi)

*All this information is given in good faith and is based on Amroy Europe Oy's and its partners' investigations and knowledge. Amroy Europe Oy does not guarantee any of this data nor the misuse of this product or its consequences because the conditions of use are beyond our control. Furthermore nothing contained here shall be construed in conflict with any patents.*