



Profile United Composites B.V.

General

United Composites is a Dutch company established in 1998. UC is specialized in advanced fire retardant composites and supports its customers from "design to build". The industries we focus on are aerospace, marine, offshore and the building and construction industry.

Cooperation

United Composites started a cooperation with renowned companies in the field of fire retardant composites to promote the use of this advanced material in the infrastructure, utility and building and construction industries. We focus on supporting architects, engineering firms, interior designers and interiors companies, construction companies and other contractors. The companies in the cooperation are;

	Borden Chemical Ltd	American/British chemical producer of fire retardant special resin systems
	Caleb Technical Products Ltd	A British worldwide operating trade firm in raw composite materials, chemicals and pigments
	Polymarin Composites	A renowned Dutch manufacturer of advanced composites parts and structures
	Groothuis model makerij	A renowned Dutch model and advanced tooling company

Fire retardant composites for building applications *(see also website United Composites)*

The current composite technology concerning fire retardancy is now in such stadium that steel and concrete structures can be protected for a long duration against the extreme heat of fires. These "high performance" phenol composites were only used in high tech industries. But due to the development of new production techniques, these high performance composites have become cost price effective for several applications in the building industries and have opened an enormous amount of new design possibilities which were not possible before.

Some advantages *(see also website United Composites section "Why Composites")*

Enormous high specific strength (high strength and very low weight), meets the highest classes of fire retardancy, smoke development, fire propagation etc (NEN 6065 class 1 en BS 476 part 6&7 class 0/1), high insulation properties (18-21 m.W/m.K.), great freedom of design, highly integral parts, very low maintenance cost compared to metals, graffiti proof, you name it. All these advantageous features are now in your reach.

Website → www.unitedcomposites.net

Beside the commercial aspects of our website, we will develop the website as a support/information section for architects, designers, engineers and other interested companies that are interested to use composites for the further innovation and development of their products. To keep in touch with the fast amount of possibilities please visit the website regularly.

http://www.unitedcomposites.net/UCnews/UC_NEWS.htm.

