

Press release

Paris, March 7th 2011

FireBlock from Cray Valley won the 2011 JEC innovation award

FireBlock won the JEC 2011 innovation award, in the material category. Cray Valley and its partners – Mariskone, Crepim and Diseño e Innovacion – will receive their prize on Tuesday 29th of March at the JEC Show in Paris. It's a strong recognition of the most famous award within the composite industry, highlighting Cray Valley dedication to innovation and its commitment to bring high value materials for the sustainable growth of the composite industry, towards high end applications.

Environmental and safety concerns in the Railway and Building industries are strong drivers for Composites, due to their lightweight, long service life time and fire retardancy. However, new resins and gelcoats were needed to offer a higher level of fire protection and a greater ease of processing for composite part manufacturers.

A several years research program conducted by Cray Valley enables to recently launch on the market the FireBlock technology, consisting of highly fire resistant resins and gelcoats, that are easy to use in many processes (RTM, hand lay-up, spray-up, pultrusion, BMC).

This solution allows to meet the highest ratings of most of fire standards in the World, including the future European railway standard (TS EN 45545) with a HL 3 rating, the French and Spanish standards with a M1F1 rating or the ASTM E 84, with a Class 1 rating (see our leaflet for more information on standards the system complies with).

On the top of its fire performances, the FireBlock solution brings also some environmental benefits. It has recently been labelled "Total Ecosolutions"* , an environmentally friendly program of Total group, due to reduced energy consumption and reduced greenhouse gas emissions, as compared to standard fire retardant composite used in railway rolling stock. Moreover, FireBlock is free of halogen and do not use any CMR substances. Details of the Life Cycle Analysis are available upon request.

For more information about FireBlock, visit us end of March at the JEC Show in Paris, booth F57.

* en savoir plus sur Total Ecosolutions : www.total.com/EN/total-ecosolutions





SARTOMER



CRAY VALLEY

CCP 
COOK COMPOSITES AND POLYMERS

Part of Total's Chemicals branch, the group formed by CRAY VALLEY, COOK COMPOSITES & POLYMERS and SARTOMER is the leading resins manufacturer in the world, with sales of 1.9 billion euros in 2010 and 3600 employees worldwide.

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