

# Efficient implementation of energy saving regulations

If you deal with energy saving regulations, you should visit the Sika expert team at the Fensterbau / Frontale trade fair. Structural window bonding is an efficient way to implement energy saving regulations in practice. In addition, bonded windows yield cost savings of up to 40% in installation and maintenance. Existing systems can be reasonably optimised to comply with stringent energy saving regulations, such as EnEV 2012 in Germany. There's no other approach that allows window fabricators to save money while achieving better thermal ratings.

Sika has committed itself to a window bonding investment programme for Fensterbau / Frontale 2010. If you are interested, you can learn about the details of the programme at the Sika booth (Hall 7A, booth 222) and apply for financing of an automatic window gluing system worth 110,000 Euros.



## Sika Services AG; Hall 7A, booth 222

Sika's window specialists advise architects, window manufacturers and window installers on the benefits of bonding technology. Sika prepares individual cost analyses for window manufacturers and window installers.

In collaboration with Sika window engineers, PVC window system suppliers aluplast, profine, REHAU and VEKA have developed and tested the especially economical rebate bonding technique for selected systems. Their engineers chose Sikasil® WT 480 adhesive for this application. This adhesive is distinguished by its outstanding UV resistance, excellent adhesion, profile, high mechanical strength, and optimised application properties. Rebate bonding has already proven its merits in more than six million windows. The basis for the comprehensive test regime is the new RAL standard.

With rebate bonding, the system fits. Chemical compatibility of the insulating glass secondary sealant with the adhesive is a prerequisite. In addition to a comprehensive range of bondable profiles, window fabricators can now choose from a wide spectrum of bondable glass. Renowned insulating glass manufacturers collaborate with Sika and employ the compatible, mercury free SikaGlaze IG 50 sealant. Alternative insulating glass sealants are tested for potential incompatibility with Sika adhesives in the Fenestration Competence Centre in Switzerland.





### **About Sika**

Sika has been founded in Switzerland in 1910 and is now an internationally active company. Sika is a leader in the area of process materials for sealing, bonding, damping, reinforcing and protecting loadbearing structural components (buildings and infrastructure works) and in the industrial sector (vehicle construction, equipment construction and building components).

Sika's product spectrum encompasses high quality concrete additives, spray mortars, sealants and adhesives, damping and reinforcing materials, structural reinforcement systems, industrial floors and films. Sika has a worldwide presence in more than 70 countries with approximately 12,900 employees.

For more information, visit us at the Fensterbau / Frontale trade fair (Hall 7A, booth 222) or contact us at:

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