

## Polymer materials in construction, building and infrastructure



**Polymers are widely used in construction, building and infrastructure. Your clients have to be sure that they can rely on the well functioning of the products in which polymers are used. For instance wall panels that are mounted on large buildings should not break and fall down unexpectedly. Kiwa can help you to set up specifications and test programs for polymer material products.**

### **You are...**

Are you an architect, a contractor or owner of various building and civil works and you work with constructions where polymer materials are involved? You know better than anyone that polymers are widely used in construction, building and infrastructure. Construction and utility parts in buildings are often partly or completely polymeric or elastomeric products. This can be as wall panels, roofing materials, piping systems, seals, coatings and a large number of other products.

For all these products it goes that they need to be suitable for their application and that you have to be sure that you can rely on the well functioning. For instance wall panels that are mounted on large buildings should not break and fall down unexpectedly. Also leakages of seals can easily lead to high costing damage. For other parts like foils or bearings it goes that after building they might not be able to be reached or replaced and therefore failure should be avoided completely.

### **Your own set up specification and test program**

To help setting up specifications and test programs for polymer material products in such applications our polymers experts can assist you. We have the knowledge and the facilities to set things up and to carry them out for you. Good to know that Kiwa is a partner for independent testing, certification and quality related services regarding plastic and rubber materials.

### **An outline of possibilities**

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If you need assistance using polymer materials during:

- design process
- evaluation
- application and use stage of a building and civil work.

You can think of:

- buildings
- bridges
- tunnels
- utilities
- energy plants
- industry
- roads
- railways
- land structures.

## More information

Please feel free to contact us at [rubber@kiwa.nl](mailto:rubber@kiwa.nl).

## About Kiwa

Kiwa has specialized business units that focus on specific market segments, in the Netherlands and internationally. We offer specialist services in areas such as energy and water, fire safety and security, infrastructure, roof and facade advice, sports facilities and training. You can contact these business units for testing, inspection, certification, training and consultancy tailored to your market segment.

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