

Sikaflex®-291i

Multifunctional adhesive sealant for marine applications

Description

Sikaflex®-291i is a non-sag 1-component polyurethane sealant specifically developed for the marine market, which cures on exposure to atmospheric moisture. Sikaflex®-291i meets in addition the low spread of flame requirements set out by the International Maritime Organisation (IMO).

Areas of Application

Sikaflex®-291i is a multipurpose product used in marine constructions. It is suitable for making elastic, vibration-resistant joint seals, and can also be used for a variety of interior sealing applications. Sikaflex®-291i bonds extremely well to the materials commonly used in marine construction like wood, metals, metal primers and paint coatings (2-C systems), ceramic materials and plastics (GRP, etc.). Sikaflex®-291i must not be used to seal plastics that are prone to stress cracking (e.g. PMMA, PC, etc.). This product is suitable for experienced professional users only. Test with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

Sikaflex®-512 Caravan

Excellent adherent, weather resistant sealant

Description

Sikaflex®-512 Caravan is a multipurpose non-sag elastic 1-c sealant based on a polyurethane hybrid compound, which cures on exposure to atmospheric humidity to form a durable elastomer. Sikaflex®-512 Caravan is manufactured in accordance with ISO 9001/14001 quality assurance system and with the responsible care program.

Areas of Application

Sikaflex®-512 Caravan bonds well to a wide variety of substrates and is suitable for making permanent elastic seals of high bonding strength. Suitable substrate materials are timber, metals, metal primers and paint coatings (2-C systems), ceramic materials and plastics. Seek manufacturer's advice before using on transparent materials that are prone to stress cracking. This product is suitable for professional experienced users only. Test with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

Sikaflex®-552

Assembly adhesive with reduced substrate preparation

Description

Sikaflex®-552 is a high-performance elastic gap-filling PURHybrid adhesive based on the Sika Silane Terminated Polymer (STP) technology. Sikaflex-552 cures on exposure to atmospheric humidity to form a durable elastomer. Sikaflex®-552 is manufactured in accordance with ISO 9001 / 14001 quality assurance system and the responsible care program.

Areas of Application

Sikaflex®-552 is suitable for structural joints that will be subjected to dynamic stresses. Suitable substrate materials are metals, particularly aluminium (including anodised components), sheet steel (including phosphated, chromated and zinc-plated components), ceramic materials and plastics. Seek manufacturer's advice before using on plastics that are prone to stress cracking. This product is suitable for professional experienced users only. Tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.