



Technical Data Sheet

INDUFLEX-VK6085

Art.-No. 5 50045

Adhesive for concrete, steel and elastomer plates

Properties:

INDUFLEX-VK6085 is a solvent free 2 component polyurethane adhesive.

- High tensile adhesive strength.
- Good adhesion to steel, concrete, elastomer plates.

Areas of application:

INDUFLEX-VK6085 is used as an adhesive for adhesion

- of elastomer-plates
- of metal rails, flanges and profiles.

Technical Data:

Basis:	2 component polyurethane resin
Colours:	grey
Viscosity:	trowelable consistency
Mix density:	approx. 1.30 g/cm ³ at +23 °C
Material consumption:	approx. 1.30 kg/m ² /mm thickness
Mixing ratio:	100: 19 parts by weight
Pot life:	approx. 20 mins. at +20 °C
Cure temp. (material/substrate):	+8 °C to max. +25 °C
Overcoat after:	min. 8 hrs. max. 24 Std. at +23 °C
Mech./chem. loadable:	7 days at +23 °C
Adhesion strength:	B 1.5

Cleaning:

All tools must be thoroughly cleaned with INDU-IB-Cleanser at every interruption in work.

Packaging:

INDUFLEX-VK6085 is available in 5 kg-containers. Both components are delivered at a predetermined mixing ratio.

Storage:

Both components (A and B) can be stored for 12 months in closed containers. Store dry and frost free at approx. +10 °C.

Surface preparation:

The area to be treated must be:

- dust free, dry, firm, load-bearing and have a good profile,
- free from separating and adhesion inhibiting substances such as dust, laitance, grease etc.

Depending on its condition the following suitable methods can be used to prepare the substrate to be treated such as grinding and/or grit blasting.

Iron and steel substrates are to be abraded to shiny metal and protected with an active corrosion inhibitor. (e.g. INDUFLOOR-IB2385).

Product preparation:

Components A (resin) and B (hardener) are delivered in a predetermined mixing ratio. Empty component B into component A. Blending of both components is to be carried out using a suitable mixer at max. 300 rpm (slowly rotating drill with paddle). Mix very thoroughly. It is very important to also mix from the sides and the bottom so that the hardener is evenly dispersed. Mix until the mixture is homogenous (free from striations). Do not use the mixed material directly from the packaging. Pour the mix into a separate, clean vessel and stir through once again. The temperature should be minimum approx. +15 °C.

Application:

INDUFLEX-VK6085 is applied to prepared substrate as an adhesive with a flat or notched trowel and evenly spread over the substrate appropriate to use. Minimum adhesive bed thickness: 1.0 mm.

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To increase to binding strength the building components are to be cleaned thoroughly and primed with the primer INDUCRET-VK-Primer.

Health and safety:

Once fully cured INDUFLEX-VK6085 is physiologically harmless. The hardener (component B) is corrosive. Therefore it is imperative that the skin does not come into contact with the hardener. It is recommended that protective gloves are worn. Wash off contamination with plenty of soap and water, preferably with 2% household vinegar. If splashes get into the eyes, wash out immediately with plenty of water. Subsequently rinse out with an eye wash bottle filled with boric acid solution -available at chemists- then immediately seek a doctor/ eye specialist.

In all cases please observe the government health and safety protection directives.

Important advice:

- Low site temperatures increase the consumption. The material also loses its good application properties and reaction times are increased. Higher temperatures reduce the pot life.
- Applications that are not clearly explained in this technical data sheet may only be carried out after consultation with and written confirmation from the Technical Services Department of SCHOMBURG ICS GmbH.
- INDUFLEX-VK6085 is classified in accordance with ordinance on hazardous substances. Please observe a current EU material safety data sheet.

GISCODE: RU 1