

Product Description

General	Epoflex DS is a low-solvent coating based on epoxy resin. Its formulation and consistency allow thick-layer building.
Suitability	Epoflex DS is used for protecting steel tanks against corrosion when storing special media, such as: oils, gas and benzene, chemicals, and aggressive water types. Is commonly used for preservation of underground storage tanks where a flexible bag liner is installed as a double wall system.
Advantages	Epoflex DS is easy to clean. Due to its low viscosity Epoflex DS can be applied to a thickness of 4mm and even more.

Specification

Mixing ratio	2: 1 by weight
Density of the mixture	1.5 kg / dm ³
Pot life	Approx. 50 min at 20°C
Hardening / recoatability	20°C 2 days 7°C 6 days Recoatability approx. 8 - 12h
Consumption	Approx. 6.6 - 7.0 Kg/m ² at 4mm layer thickness (these values depend on substrate quality and average layer thickness)
Colour	Beige
Packaging	Units of 16 / 8 kg
Storage life	24 months at 10-35°C in originally sealed containers
Art. No.	Comp. A W-D9105 Comp. B W-D9106

Application	
Subsurfaces	<p>In general, the substrate shall be free of impurities such as oils, fats, condensation, or dust. Furthermore, it needs to be free of corrosion products like rust or zinc components.</p> <p>Concrete surfaces are favourably primed with Adaflex BG or Adaflex FU. Metallic subsurfaces shall be clean, grease-free as well as grid blasted according to the Swedish standard SA 2 ½.</p> <p>Necessary modifications or repairs can always be carried out by sanding the coating locally, freeing it from dust and applying Epoflex Universal Flickset.</p>
Mixing	Put the content of container Comp. B completely into the container of Comp. A: if necessary, use a rubber spatula to clean it out and mix everything well for a period of 3 min using a mixer.
Processing	Epoflex DS has been especially formulated for the application with an Airless spraying machine. Thanks to its good stability Epoflex DS will not run on vertical walls up to a layer thickness of 4 mm, therefore it allows rational use on construction sites. Optimum processing temperature at approx. 35°C.
Equipment needed	Manual agitator and/or drilling machine with mixer, airless spraying machine with a transmission ratio of min. 45:1 as well as filling funnel (material pulling out of container not suitable).
Equipment cleaning	The material is set for airless spraying and shall not be diluted. Before spraying application, the material shall be warmed up. Optimum results are achieved at approx. 35°C. After spraying the machine shall be cleaned with a diluent.
Climatic conditions	The steel surface temperature has to be at min. 10°C and at least 3°C above the dew point at any time during application and hardening!

Safety Precautions	
Precautions to be observed	Safety measures should be taken in accordance with the material safety data sheet. Local legal, health and safety regulations apply.
Liability	The above information is based on numerous tests and many years of experience. Liability for the application of the described product cannot be accepted as the results largely depend on the proper treatment and application of the material.
Hazards information	Comp. A     Fire Health Hazard Exclamation Mark Environment
	Comp. B   Corrosion Exclamation Mark
Transport information	Comp. A UN 1263 Comp. B UN 3267