







## Silox<sup>®</sup>875

Chemical resistant concrete protection lacquer

**Silox<sup>®</sup>875 is a chemical resistant protection coating for concrete surfaces. Silox<sup>®</sup>875 protects concrete against alkalis and weak acids.**

	<b>Chemical protection</b>
	<b>Easy application</b>
	<b>Sprayable airless</b>
	<b>Biogas plants</b>

### Surface Preparation

Silox<sup>®</sup>875 requires proper surface preparation as with conventional coating systems. The substrate must be clean, dry and free from separating substances. Concrete skin must be removed with shot blasting or BoRox<sup>®</sup>Zementhaut Entferner 1032. Pinholes or damages must be repaired with a scratch mortar. Suitable materials for scratch mortars are Silox<sup>®</sup> building resins in combination with fine sand or Cembond<sup>®</sup>EPW 863 a ready-to-use mortar. Already prepared surfaces - e.g. sanded - must be cleaned professionally. This also includes the removal of dust in the pores, which prevent the coating from adhering properly. BoRox<sup>®</sup>Zementhaut Entferner 1032 is very helpful, as the "foam/bubble effect" means that the dust is easily removed from the pores. Treatment with a high-pressure cleaner completes the dust removal process.

Sucking concrete surfaces should be primed with Silox<sup>®</sup>EPW 856. This material must be fully cured before the next application step.

### Application

After proper preparation the first layer of Silox<sup>®</sup>875 is to be applied by roll or airless. In total, at least 2 coats are required to create a closed protective layer. The waiting time between the application of the layers should not exceed 24 h.

To adjust the spray viscosity a thinner called Silox<sup>®</sup>875 is available, the maximum addition is 2 - 3%.

### Hardening

Complete hardening and cross-linking takes about > 7 days at 20° C.

### Properties

Components	2
Mixing Ratio	100 : 20 (weight)
Minimum application °C	10°C - 12°C
Reaction Time	~40 minutes@20°C
Consumption	200 g/m <sup>2</sup> per layer
Layers	Minimum 2 layers closed film must be achieved
Completely hardened	> 7 days @20°C
Suitable for	Alkaline materials, weak acids, organic waste

These technical information describe the present-day state of knowledge these product. They should only inform about the possibilities of application and could not release the applicator of his commitment to check the possibility to use the product for the required application. Information for processing can be found in processing instructions of our product. Information about safe handling can be found in our current safety data sheet.

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### ARCAN Waterproof

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