

CONIFLOOR IWL – System Set Up

Water vapor permeable, coloured Epoxy-Coating for Indoor use

Fields of application

production areas, stairways, escape routes,
with low to medium mechanical loads

System data

		Product	Consumption	Application	Remarks
Primer	Concrete or cement screed	CONIFLOOR 500 CW	0.18 – 0.25 kg/m ² Addition of 5% water	brush in / roll	moisture level of concrete ≤ 6% add 5 % water
Roll coating		CONIFLOOR 500 CW	0.18 - 0.25 kg/m ² by each working step	trowel or roll	depending of underground 1 to 2 working steps

Total thickness of the system < 0.5



CE-Label:

See Declaration of Performance

Preparation

Substrates to be coated must be firm, dry, load bearing and free of loose and brittle particles and substances, which impair adhesion such as oil, grease, rubber skid marks, paint or other contaminants.

A pre-treatment of the substrate by grit or shot blasting, high pressure water jetting, grinding or scabbing including the necessary post-treatment is only necessary, when the layer is soiled or the re-coating intervals have been exceeded.

After the pre-treatment the bond strength of the concrete must be at least 1.5N/mm².

The **moisture level** of substrate must not exceed **6 %**.

The **temperature** of the substrate must be at least **3°C** above the current dew point temperature.

As for the rest the sections of the requirements concerning substrates to be coated shown in the according guidelines apply.

Application method

Priming

CONIFLOOR 500 CW addition of water with 5% is rolled on the pre-treated substrate by a roller in a thin layer – **puddles** need to be **avoided**.

The consumption of CONIFLOOR 500 CW used as primer is approximately 0.18 - 0.25 kg/m², depending on the conditions on site and of the sub-base.

Roll Coating

In case of the maximum over coating time is exceeded, the primer must be grinded before application of the thin roll coating CONIFLOOR 500 CW.

The consumption of CONIFLOOR 500 CW is approximately 0.18 until 0.25 kg/m² depending on the conditions on site and of the the prepared sub-base.

For the application preferable tools are "Microtex" Roller (tuft size 10-12mm)

It is necessary to re-roll freshly applied material with a second clean paint roller in order to obtain a uniform surface with a minimum of overlap marks.

Remarks

Please contact our Technical Department if there are questions.

CONICA AG
Industriestrasse 26
8207 Schaffhausen
Suisse

Tel.: + 41 52 644 3600
Fax: + 41 52 644 3699
info@conica.com
www.conica.com

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