

357 Kronalux® 2K-Aqua Industrial marking



The 2K high-performance marking paint for rapid load-bearing capacity

Material description



Material type:

Highly reactive components on an aqueous epoxy basis

Intended use:

For universal use indoors on concrete, screed and floor coatings. Wherever a high load-bearing capacity is required after a short time in sensitive areas and storage areas. Can be used on floors with forklift traffic.

Properties:

- Can be loaded very quickly
- Low odour and low emissions
- Solvent-free
- Very low soiling tendency
- Mechanically highly resilient
- Suitable for forklift traffic
- Very good resistance

Resistance of 2K Aqua Industrial Marking to various loads:

- Water
- Tyres
- Engine oil
- Diesel
- Mineral oils
- Road salt solution
- Plasticiser
- Alcohol

Colour shades:

Order no:

357 9010
357 1023
357 3000
357 5012
357 6018
357 9005

Colour shade:

pure white
traffic yellow
red
blue
yellow-green
black

Gloss level:

silk matt

Packaging:

1.2 kg

2.6 kg

Dilution:

Ready to use in delivery form, if required with water.

Storage:

Store in a cool, dry place in a tightly closed original container. Official regulations must be observed.

Technical application notes

Pot life:

approx. 1 hour at 20°C (shorter pot life at higher temperatures)

Mixing ratio: 4 : 1 (parts by weight) with hardener

Substrate preparation:

Coatings on concrete, screed:

Mineral substrates must have set well before starting the painting work, new concrete must be at least 4 - 6 weeks old. The substrate must be dry, clean, grease-free and sound; loose and sanding layers must be removed. Concrete and screed must still have sufficient absorbency to ensure adhesion. Any layers of cement paste and sinter on the surface must be removed by sandblasting, milling or treatment with dissolved citric acid. Oily concrete surfaces that have already been used are best cleaned by brushing with Jaeger 080 Special Cleaner or alkaline cleaning agents. Rinse with plenty of water or with a steam jet. Allow surfaces to dry thoroughly afterwards. Moisture on the reverse side impairs adhesion.

Magnesite or hard concrete coverings and non-absorbent substrates:

Remove wax or care products with nitro thinner. Sand the substrate or roughen with a diamond disc if necessary. If necessary, pre-coat with Kronalit® Special Primer Resin 864 to achieve better adhesion.

Coatings on steel:

The substrate must be dry and clean, free from rust, scale, grease and chemical contamination. Use Jaeger Multigrund 715 for corrosion protection.

Old coatings:

Clean the substrate with Special Cleaner 080 and rinse with clear water, sand the surfaces to be marked, we recommend preliminary tests to check adhesion.

Number of coats: As a marker: 1 - 2 x 2K Aqua Industrial Marking 357

Coating structure Slip resistance:	As a marker:	1x special primer resin 864 Sprinkle 1 x 759 post-sprinkling agent at 50% into the damp coating 2x 2K Aqua Industrial Marking 357 as top coat For safety reasons, we recommend that you always apply anti-slip protection by sprinkling on full-surface markings.
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Note: The surface may become more soiled if gritting agent is added.
Do not use on tarmac.

Processing conditions: During the entire processing and drying time, the material, substrate and air temperature must not fall below 8°C and must not exceed 30°C. The air humidity should be between 30% RH and 75% RH during the entire time.

Tool cleaning: With water

Labelling

- Disposal:** Only dispose of completely empty containers for recycling. Hardened residues can be disposed of with the residual waste. Liquid paint residues must be disposed of via the hazardous waste collection points or authorised disposal companies.
- Other:** The accident prevention regulations of BG Chemie "Processing of coating materials" (VBG 23), the information sheet "Solvents" (M 017) and the "Technical Rules for Hazardous Substances (TRGS) 507" must be observed. Remove foodstuffs from the relevant rooms during processing and the drying time. Further information can be found in the EC safety data sheet.

Processing instructions

Application method	painting / rolling	Airless spraying	
Viscosity	undiluted	5% with water	
Nozzle size (mm)		419	
Injection pressure (bar)		120	

Attention: Observe pot life!

Drying	
At 20°C	Dust-dry approx. 30 minutes
At 20°C	Fully loadable approx. 24 hours

Yield	
(m ² / kg)	5 - 7

Special notes

No drying without hardener.
The substrate temperature must be at least 10°C.

All temperature specifications refer to the floor temperature. This can deviate significantly from the air temperature. Thick layers, high humidity and stagnant air can lead to longer drying times.

Stand 12/23

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