AGROCOLOR®

F.Willich SINCE 1882

Systemanbieter für Oberflächenbeschichtungen im Agrarbereich

Surface Coating System Provider in the Agricultural Sector

Sector Crevice Protection System

using Epoxy Coating

Crevice Protection System (AC 110 and AC 130R)

Concrete slatted floors are exposed to extreme chemical and mechanical influences. Especially in the area of about 2 ft around the feeding troughs, feed residues are spilled at feeding times, which contain acid that attacks the slatted floor surface every day. In addition, the claws of the animals cause surface abrasion. In the course of time, the slatted floor surface will become rougher and rougher and the gaps become wider and wider. This quickly leads to abrasions, claw injuries and infections of the farm animals. A coating with the slatted floor protection system (AC 110 and AC 130R) protects the slatted floor surface from any acid and abrasion and creates a non-slip and easy-to-clean slatted surface.

AGROCOLOR CREVICE PROTECTION SYSTEM (AC 110 and AC 130R)

The epoxy crevice protection system AC 110 and AC 130R is applied up in two coats. The coating provides a non-slip, chemical and abrasion resistant surface especially in the area of slatted floors and lying surfaces.

Substrate Preparation

Carefully clean the substrate with high-pressure water jets. Spray the Special Cleaner AC 600 with the backpack sprayer onto the still damp surface (approx. 100 to 150 g/m²). The AC 600 Special Cleaner automatically removes release agents resulting from acid loads, grease and dirt deposits. After approx. 30 minutes, rinse off everything that has been dissolved by the special cleaner with high-pressure water jets. Now let the surface dry (max. 4% residual moisture).



Activation of the Epoxy Coating

The bucket contains the two individual components A and B of the epoxy coating to be carefully mixed together. Push the double-bottomed lid completely through for several times so that all the contents flow into the bucket.Remove the lid and mix the two components thoroughly with the stirring paddle at medium speed for approx. 3 minutes.Then decant the activated coating into a clean plastic bucket.Decant epoxy containers of 10 kg or more into two empty plastic buckets and process in pairs.

Agrocolor Crevice Protection System (AC110 and AC130R) Processing

1. Priming with AC 110


Using a high-pile roller (approx. 18 mm), roll the AC 110 epoxy primer onto the dry surface of the slatted floors (consumption: min. 400 g/m² depending on the substrate, working time: approx. 20 minutes). The AC 110 primer does not only settle on the surface, but penetrates and anchors itself. As a rule, after approx. 24 hours, you can continue with the top coat AC 130R (depending on temperature and humidity).

2. Top-Sealing with AC 130R


Using the high-pile roller (approx. 18 mm), roll the epoxy top coat AC 130R onto the dry primer AC 110 (consumption: min. 400 g/m² depending on the substrate, working time: approx. 20 minutes). The top coat AC 130R is designed for a high slip, chemical and mechanical resistance. Wait approx. 48 hours until using the surface (depending on temperature and humidity).