



## MSE-230 Floorequalcoat-trans

- Quick and easy to apply.
- Dust-free
- Extremely durable
- Can easily be painted with MSE-200 floorcoat-7001
- Ready to be fully used after 48 hours.
- Acid-resistant

### Product

Unique, high quality 2-component, self-levelling coating which is extremely easy to apply.

### Packs

21.4kg tin of component A

3.6kg tin of component B

Components A + B have a combined weight of 25kg.

### Uses and Surfaces

- Feed channels for dairy farms.
- Fully renovate floors on poultry farms.
- Can be used for the floor in the liquid feed preparation kitchen.
- Use to level damaged and uneven floors in agricultural buildings, garage workplaces, warehouses etc.
- Can be used on existing concrete or coating floors.
- To be used on bone-dry surfaces.
- Not to be used on flexible or moveable surfaces.
- Use on surfaces that are free from loose particles, grease, dust, dirt etc.
- Surface must be sufficiently compression resistant and have adequate tensile strength

### Properties

- Durable and excellent quality
- Very simple to clean.
- Maximum resistance to tyre prints and chemicals.

### Tools

- Drill
- Mixer
- Float, comb or floor squeegee
- Ventilation roller
- Short-haired nylon roller + holder
- Duct tape

### Coverage

Coverage may be higher if concrete is porous or coarse.

Coverage varies between 2.0 and 5.0kg/m<sup>2</sup>

Floor condition	New floor	Rough floor	Very rough floor
Coverage	2.0kg/m <sup>2</sup>	3.0kg/m <sup>2</sup>	5.0 kg/m <sup>2</sup> or more

Comment: It may be advisable to use a mortar floor on very rough surfaces. You could also sand with a diamond disc or mill the surface. Sand the floor with a diamond disc to smooth off the concrete so that less coating is required.

### Technical data

Type of product: 2-component epoxy coating

Mixture: Total weight of components A and component B = 25kg. This corresponds to 21.4kg of component A and 3.6kg of component B.

Drying time: The drying time for the coating depends on the relative humidity and temperature. A relative humidity of 65% and a temperature of 20°C will give the results below:

Ready to be walked on after: 24 hours

Ready to bear machinery after: 2 days

Ready to resist chemicals after: 7 days

### Instructions

#### Precautionary measures

**Do not apply MSE-250-25 mortel Forte in the following situations:**

- Sealed concrete

Ascertain whether the concrete is sealed by dripping a small quantity of water onto it. If the water stays where it is, a seal has been used and the 2-component epoxy formula will not adhere adequately. In order to obtain sufficient adhesion, the concrete must be roughened and the dust removed.

- *Badly adhering paint layer*

*If the floor has an old layer of paint, you must remove any loose paint by sanding, milling or blasting.*

- *Moisture in the concrete*

*If the concrete is darker or coloured or wet, it means there is moisture in the floor and it cannot be coated. Use a gas burner to dry the floor or leave it to dry naturally.*

- *Loose or badly attached concrete*

*If there are loose pieces of concrete or there is dust on the surface, the coating will not adhere until the loose materials have been repaired or the dust has been removed.*

### **Tips and advice for optimum usage**

#### **Cleaning**

- *Remove all coarse irregularities such as feed and manure residues.*
- *Remove fat or oil from the floor (use a solvent, e.g. acetone or xylene)*
- *Clean the floor with MS-5 Agricoat Cementex in order to ensure the surface is deep-cleaned (see MS-5 Agricoat Cementex instructions).*
- *Then, in line with MS-5 Agricoat Cementex instructions, rinse with copious amounts of water and leave to dry.*

#### **Preparing**

##### **Mixing**

- *Mix component A with a slowly turning drill with a mixer attachment before adding component B.*
- *Pour component B into the tin of component A. Mix component A with component B for at least 2 minutes, until a homogenous mixture is obtained. Use a slowly turning drill with a mixer attachment for this purpose.*

##### **Applying**

- *Distribute the mixture over the floor with a floor squeegee or float.*
- *Then roller the mixture with a short-haired nylon roller.*
- *Expel any air bubbles with a ventilation roller.*
- *Silver sand or mandurax can be worked into the wet coating to give better grip (e.g. for cattle crossing points).*
- *The particles giving added grip can be sealed after 24 hours with a coating layer.*
- *MSE-230 Floorequalcoat-trans can be used for up to 25 minutes after mixing at a temperature of between 15 and 25°C. Viscosity will increase/decrease by a factor of 4 with a temperature difference of 10°C.*

##### **After use**

- *Throw away or clean tools with water.*
- *Leave unused product to harden off in the can and take to a collection point for small, chemical waste.*

##### **Storage**

- *12 months shelf-life in closed, original packaging.*
- *Store at a temperature of between 10 and 25°C.*
- *Keep in a dark and frost-free place.*

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