

# Technical Information

## Aquacoat MRA 100

**Aquacoat MRA 100** is a semi-permanent water-based release system designed for moulding operations when non-transfer of release agent, high temperature stability, high degree of slip, and abrasion resistance of the release film are important.

**Aquacoat MRA 100** is water thin liquid and ready to use. The release system becomes functional after cure. The release film is micro thin and stable until 260°C.

**Aquacoat MRA 100** adheres to mould surfaces and provides multiple releases with virtually no transfer to moulded parts.

**Aquacoat MRA 100** reduces build-up on moulds when applied according to instructions.

### **Properties:**

Colour: white  
Density: 1,0 g/cm<sup>3</sup>  
Self life: 12 months

### **Application Field:**

Rubber, all kind of rubber-types and rubber moulding

### **Advantages:**

1. Water based
2. Easy to apply
3. Provides true multiple releases between application
4. Prevents build up on the moulds
5. Non greasy, non contaminating coating
6. Excellent performance of produced parts (dry, uniform, semi-gloss finish)
7. Universal for all rubber-types

### **Application:**

Thoroughly clean the mould. Afterwards there are two different possibilities how to seal the mould with **Aquacoat MRA 100** before it goes to production:

- a) Apply **Aquacoat MRA 100** during the heat up of the mould. We recommend a temperature of at least 80°C – 90°C.

**Advantages:** Will improve the durability of the **Aquacoat MRA 100** film and will provide the maximum number of releases.

- b) Apply **Aquacoat MRA 100** at process temperature of the rubber-types.

**Advantages:** Time saving

Apply at least two uniform, thin coats before it goes to production. Allow a short drying time between each coat.

Reapply a light coat of **Aquacoat MRA 100** at process temperature when required, to maintain desired release.

### **Further Information:**

Product technical information and data is based on the best information available and does not constitute or imply a warranty or patent infringement of any kind. The user is responsible for testing product suitability prior to use in production.

