

## **ISOMOLD 14**

### **Insulating primer for moulds**

ISOMOLD 14 is an insulating primer used for base preparation of resin moulds (polyester, epoxy, phenolic, polyurethane) and metal moulds.

Once applied onto the mould and cured, it forms an insulating and solid film which seals mould porosity and improves the adhesion and efficiency of semi-permanent release agent.

Attention: ISOMOLD 14 is not a release agent itself and imperatively requires application of a suitable release agents as a top coating.

### **ADVANTAGES**

ISOMOLD 14 provides the following advantages:

- Reduces mould porosity allowing to obtain glossy and finished parts.
- Renews the surface of worn moulds
- Creates an insulating coat avoiding migration of contaminating agents from resin to mould and the reverse.
- Improves adhesion of semi-permanent release agent to the mould
- Enhances performances of semi-permanent release agent

### **APPLICATIONS**

1. Carefully clean the mould surface with FINCLEN 2000
2. On the clean and dry mould apply a uniform, thin coat of ISOMOLD 14, by spraying or by brush
3. Let the film to cure for abt. 1 hour at room temperature
4. Apply a second and third coat of ISOMOLD 14 repeating phases 2 and 3
5. Let it curing for abt. 1 hour in the oven at 70°C or at room temperature for 7-8 hours
6. If necessary on resin moulds sand the mould surface with a fine paper and repeat steps 2,3 and 4 until obtaining a gloss finish
7. Finally apply a suitable semi-permanent release agent (3 to 5 coats)

### **STORAGE**

Store in a cool dry place.

Use in ventilated areas.

Keep the containers well closed after using.

Do not smoke during use.

### **PACKAGING**

ISOMOLD 14 is available in carton boxes containing 4x1 lt. metal cans.