

MagneW 3000 PLUS paint specifications

1. Paint specifications

Yamatake has three types of paint specifications for the environment.

- a. Standard paint
- b. Corrosion-resistant paint
- c. Corrosion-proof paint

	Paint specification	Number of undercoat	Number of final coat	Paint thickness
a	Standard paint	One	One	30μm or thicker
b	Corrosion-resistant paint	One	Three	60μm or thicker
c	Corrosion-proof paint	Two	Two	120μm or thicker

2. Paint material

2-1. Standard and Corrosion-resistant paint

Primer is put on the metal surface as the undercoat and final coat material is acrylic resin.

2-2. Corrosion-proof paint

Chemical conversion treatment is applied to the metal and epoxy resin is painted twice as undercoat. The final coat material is also epoxy resin.

2-3. Silver paint

This paint is applied to the flanges for MGG18F detector range in size form 80mm to 200mm. (For smaller size than 80mm, stainless steel is the standard flange material.)

Epoxy resin is painted as undercoat and acrylic denaturated phthalate resin is painted as the final coat.

Thickness of undercoat: 20μm or thicker

Thickness of final coat:: 20μm or thicker

3. Painted parts

3-1. Converter

Convert housing is painted all over according to the selected paint specification.

3-2. Wafer style detector

Terminal box is painted according to the selected paint specification. Others are not painted as the material is stainless steel.

3-3. Flange style detector

(1) Size: 15mm to 65mm

Terminal box is painted according to the selected paint specification. Others are not painted as the materials are stainless steel.

(2) Size: 80mm to 200mm

Terminal box is painted according to the selected paint specification. Flanges are painted with silver paint specifications. (see 2-3.)

(3) Size: 250mm to 600mm

Terminal box, detector case and flanges are painted according to the selected paint specification.