

# Technical Data Sheet

## PRIMERE™ 14F172

### Description:

PRIMERE™ 14F172 is a hot setting urea-formaldehyde-(UF) glue resin and is used for the production of interior plywood and block boards.

PRIMERE™ 14F172 has a very low content of formaldehyde. Observing the recommended working conditions plywood and block board can be produced which fulfil all actual requirements concerning the subsequent formaldehyde emission according to:

- a) the German „Chemikalienverbotsverordnung“ (Regulation of prohibition of chemicals), former „Gefahrstoffverordnung“ (Regulation of hazardous substances), with the German „Bundesgesundheitsblatt Nr. 10, Okt. 1991“ (Federal health code) describing the derived test methods: Limit in the gas analysis method according to EN 717-2 for testing with sealed edges after 4 weeks: < 2.5 mg/h\*m<sup>2</sup>.
- b) CARB II regulations.

Using PRIMERE™ 14F172 the bonding qualities “class 1” according to EN 314 and IF (IF 20) according to DIN 68705/ÖNORM B 3008 can be achieved.

### Form of delivery:

liquid, in road trucks or rail trucks.

### Properties:

colour:	milky white
solid content (2h/120 °C):	65 - 67 %
solid content (3h/105 °C):	66 – 68 %
density at 20 °C (68 deg F):	approx. 1.29 g/ml
viscosity at 20 °C (68 deg F) at loading:	700 - 1200 mPa.s
pH:	7.5 – 9.0
content of free formaldehyde:	max. 0.2 %
storage stability at 20 °C (68 deg F):	approx. 6 weeks

The various analysis methods are described in our analysis leaflet „PRIMERE™-glue resins“.

**Field of application:**

PRIMERE™ 14F172 is used in various resin mixes for hot gluing at 70 – 140 °C (158 - 284 deg F), especially for the production of interior plywood and block board of gluing quality IF 20/IF according to DIN 68705 or class 1 according to EN 314.

**Processing parameters:**

Various indications which have to be considered using PRIMERE™ 14F172 are described in our basic product leaflet „PRIMERE™ plywood glue resins“ with special reference to storage stability, influence of caustic substances and physiological effects.

**Notice:**

All properties of PRIMERE™ 14F172 are measured when the resin is loaded. This means some specifications, especially the ph, are changing during transport and can be below specification when arriving.

In case of any parameter being out of specification the technical contact from Metadynea has to be informed within 24 hours after arrival of the resin to clarify the further approach. Metadynea will deny all claims when this procedure was not observed.

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