

FLOOR FAST 1224

TWO-COMPONENT COATING BINDER,
TRANSPARENT AND FLEXIBLE, BASED
ON POLYMETHYL METHACRYLATE (PMMA)

DESCRIPTION

A flexible, transparent, two-component binder based on polymethyl methacrylate (PMMA) for coatings using the FLOOR FAST resin systems.

The product must be mixed with FLOOR FAST CAT.

FIELDS OF USE

FLOOR FAST 1224 is a resin binder designed for the formulation of flexible membranes and coating systems exposed to sub-zero temperatures. It is mainly used for:

- Waterproofing and shock-absorbing membranes on ramps, bridges, and offshore applications;
- Flexible flooring systems, especially in low-temperature environments (e.g. freezers);
- Outdoor applications exposed to heavy mechanical loads and rapid temperature variations.

PACKAGING

20 kg metal cans

180 kg drums

CONSUMPTION

Depending on usage.

MIXING RATIO

The mixing ratio between FLOOR FAST 1224 and FLOOR FAST CAT varies depending on application temperature. Please refer to the table below for the percentage by weight of catalyst to be added to the resin:

Temperature	Catalyst amount
+30°C	+1% FLOOR FAST CAT
+20°C	+2% FLOOR FAST CAT
+10°C	+3% FLOOR FAST CAT
0 to -10°C	+4% FLOOR FAST CAT

CERTIFICATIONS

ISO 9001 certified quality management system (Certificate No. IT.17.0227.01.QMS).

APSE S.r.l. is an active member of CONPAVIPER.



SUBSTRATE PREPARATION

The surfaces must be clean and free from dust, oil, grease, loose particles, paint residues, and any other material that may impair adhesion.

PRODUCT PREPARATION

Add the required amount of catalyst to FLOOR FAST 1224, as indicated in the "MIXING RATIO" section. Mix using a low-speed drill with a helical paddle, taking care not to introduce air into the mixture.

APPLICATION METHOD

Apply a sufficient thickness to allow the formation of a continuous, uninterrupted resin film that ensures complete polymerization.

The recommended substrate temperature is 0 to +25°C, but not below -10°C or above +30°C.

The substrate temperature must be at least 3°C above the dew point during application and curing.

For application temperatures below -10°C, please contact the Technical Department.

CURING

For drying and curing times (at 20°C), refer to the table below.

Pot life of the mixture	15 minutes
Full curing time	40 minutes

HEALTH AND SAFETY

For information on safety regulations, hazard indications, and precautionary advice, refer to the most recent safety data sheet, available upon request at: ufficiotecnico@apsebg.it

STORAGE

6 months in unopened packaging. Store at a temperature between +5°C and +40°C (protect from direct sunlight). Flash point +11,5°C. Protect from weather conditions and from moisture and contaminants.

DISPOSAL

Dispose of the contents and/or container in accordance with local regulations.

FLOOR FAST 1224

TWO-COMPONENT COATING BINDER,
TRANSPARENT AND FLEXIBLE, BASED
ON POLYMETHYL METHACRYLATE (PMMA)

PRODUCT TECHNICAL DATA

PHYSICAL CHARACTERISTICS (at +20°C)

CHARACTERISTICS	STANDARD	RESULT
Consistency	-	Liquid
Colour	-	Transparent
Dry residue	EN ISO 3251	100%
Powder density	EN ISO 2811-1	1,0 g/cm ³

The data given above are information obtained from our best technical knowledge, application, and research experience. However, since we are unable to intervene directly in site conditions and work execution, they represent general indications that do not bind APSE S.r.l. in any way. The information given does not relieve the purchaser of his responsibility to personally test our products as to their suitability with regard to their intended use. The customer is also responsible for verifying that this data sheet is valid for the batch of product of interest to him and is not outdated as superseded by later editions. If in doubt, contact our Technical Department in advance. APSE S.r.l. - V&V Group reserves the right to make technical changes of any kind without prior notice. This revision cancels and supersedes all previous ones, all under the continuous verification of data according to the new current Standards and our ISO 9001 management system.

Please be sure to check the most up-to-date version of this Data Sheet on our website: www.apse.it

