

ULTRABOND TURF CATALYST

Accelerant for two-component polyurethane adhesives from the Ultrabond Turf range

DESCRIPTION

Ultrabond Turf Catalyst is an accelerant developed for the **Ultrabond Turf** line of two-component polyurethane adhesives to reduce their setting and hardening times at low temperatures.

WHERE TO USE

- To reduce the setting time of **Ultrabond Turf** two-component polyurethane adhesives.
- Application in combination with **Ultrabond Turf** two-component polyurethane adhesives at low temperatures.

TECHNICAL CHARACTERISTICS

Ultrabond Turf Catalyst is an accelerant for two-component polyurethane adhesives from the **Ultrabond Turf** range and is produced according to technology developed in the MAPEI laboratories. **Ultrabond Turf Catalyst** has the following functions:

- accelerates the curing of products from the **Ultrabond Turf** range, including at low temperatures;
- allows installations to be carried out more quickly at temperatures between 0 and 10°C without affecting the performance properties of the adhesive, while complying with the minimum requirements of national and international Federations.

PREPARATION AND APPLICATION PROCEDURE

Two-component polyurethane products from the **Ultrabond Turf** range (such as **Ultrabond Turf 2 Stars**, **Ultrabond Turf 2 Stars Pro** and **Ultrabond Turf PU 2K**) are supplied in containers with fixed, pre-dosed quantities of the two components A and B (90:10 parts in weight). In fact, even if the pre-set dosages of components A and B are only slightly modified, the adhesive may not cure correctly and the final performance properties of the adhesive may be affected. Pour the entire contents of component B into the container of component A. Mix the two components together with a power mixer at low-speed, taking care to prevent entraining air into the product, until it forms a smooth, even-coloured paste. Pour **Ultrabond Turf Catalyst** into the polyurethane paste obtained at a rate of 0.1-0.2% and mix again with a power mixer at low-speed, taking care to prevent entraining air into the product, until it forms a smooth, even-coloured paste.

RECOMMENDATIONS

High temperatures considerably reduce workability times.

CLEANING

Clean tools and residues of the adhesive immediately while it is still fresh. Once hardened, the adhesive may only be removed mechanically.

CONSUMPTION

The consumption rate is around 0.1-0.2% (around 1 or two capfuls of product) on the total weight of adhesive used.

PACKAGING

Ultrabond Turf Catalyst is supplied in 0.9 kg canisters.

STORAGE

Ultrabond Turf Catalyst remains stable for 12 months if stored in its original closed containers in a controlled environment.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Instructions for the safe use of our products can be found on the latest version of the Safety Data Sheet, available from our website www.mapei.com.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY

Colour:	light straw yellow
Density (g/cm ³):	0,9

APPLICATION DATA (at +23°C and 50% R.H.)

Application temperature range:	from +0°C to +35°C
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FINAL PERFORMANCE

Ultrabond Turf 2 Stars Pro	Temperature	Workability*	Setting time
AS IT IS	23°C	1 h	7 h
CATALYST 0,1%	23°C	20 mins.	3 h
CATALYST 0,2%	23°C	10 mins.	2 h
AS IT IS	10°C	1 h 20 mins	9 h
CATALYST 0,1%	10°C	25 mins.	3 h
CATALYST 0,2%	10°C	18 mins.	2 h 30
AS IT IS	5°C	2 h 30 mins.	24 h
CATALYST 0,1%	5°C	50 mins.	6 h
CATALYST 0,2%	5°C	35 mins.	5 h

* "Workability" refers to the time between complete mixing of Ultrabond Turf Catalyst and two-component adhesives from the Ultrabond Turf range and reaching a viscosity that allows proper application.

"Workability" means the workability time of the adhesive may vary according to surrounding conditions, the porosity of the substrate, the size of trowel used and conditions on site.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

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09287-03-2023-I-gb

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