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Technical Datasheet

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AD-FIRE

Additive for providing fire-retardant properties and sports performance to ECOSTAR NO LIMITS



Description

AD-FIRE is an additive specifically developed for use in combination with the ECOSTAR NO LIMITS coating system to provide fire-retardant properties and performance characteristics suitable for the treatment of wooden sports flooring. Thanks to its excellent ease of mixing, AD-FIRE can be readily incorporated into the coating system, allowing a homogeneous mixture to be obtained. AD-FIRE extends the fields of application of ECOSTAR NO LIMITS, making it a versatile solution for the treatment of wooden floors subject to specific safety and performance requirements. AD-FIRE is a key component of the ECOSTAR NO LIMITS system for achieving the performance requirements specified by EN 14904 for indoor sports surfaces and the Euroclass Cfl-s1 reaction-to-fire classification according to EN 13501-1. To achieve these requirements, AD-FIRE must always be used in combination with AD-K, in accordance with the mixing ratios, application rates and coating systems specified in the relevant certifications.

Characteristics

Appearance	transparent liquid
Addition	10% on Comp. A
Packaging	0,5 L
Storage stability	1 year (1)

1 *in original sealed containers at temperatures between +10°C and +25°C*

How to use

APPLICATION SYSTEMS

Euroclass Cfl-s1

2 x 80 g/m² ECOSTAR NO LIMITS + 10% AD-FIRE + 10% AD-K

Euroclass Cfl-s1, EN 14904, FIBA

3 x 80 g/m² ECOSTAR NO LIMITS + 10% AD-FIRE + 10% AD-K

PROCEDURE:

Add AD-FIRE to ECOSTAR NO LIMITS according to the indicated mixing ratio.

Mix thoroughly until a perfectly homogeneous mixture is obtained.

Then add AD-K as the final component of the mixture, according to the relevant mixing ratio, and mix thoroughly until completely homogeneous.

Proceed with the application following the methods and instructions given in the ECOSTAR NO LIMITS technical data sheet.

Notes:

The fire-retardant and sports performance of the coating system depends on compliance with the application systems and conditions specified in the relevant certification tests.

The final mixture containing AD-K must be used within 2 hours of preparation.

Label elements

· For more information about the safe use of the product it is recommended to consult the latest version of the Safety Data Sheet.

These information are given from the best of our knowledge and technical experience. They are of general character and not binding in any way our company. Every single case should be put to a pratical test by the user who assumes the full responsability of the final result of his work.

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