

MINIRASEX® FINE

TWO-COMPONENT FINE CEMENTITIOUS
FINISH FOR MINIRASEX® SYSTEM



DESCRIPTION

It is a two-component, fine cement-based premix that allows for smooth and uniform coatings. Its physicomechanical characteristics make it possible to achieve continuous, low-thickness coatings with high abrasion resistance. Can also be used on vertical surfaces. MINIRASEX® FINE is the finishing layer that makes up the MINIRASEX® System.

FIELDS OF USE

MINIRASEX® is versatile and easy to apply. It can be applied directly to previously prepared mineral, absorbent and nonabsorbent surfaces. Allows for highly decorative flooring and coatings for:

- stores and showrooms;
- private and residential construction;
- wellness centers;
- laboratories;
- bars and restaurants;
- in general in all cases where a cloudy or spatulate effect is required.

PACKAGING

MINIRASEX® is supplied in premeasured packages:

Component A = 17 kg in plastic buckets
Component B = 5 kg in plastic canisters

CONSUMPTION

0.3 kg/m² per coat.

MIXING RATIO

Component A : Component B = 17 : 5 kg

CHARACTERISTICS AND BENEFITS

- Surfaces coated with MINIRASEX® FINE are thin, continuous, monolithic and have a high decorative effect;
- MINIRASEX® is colorable with color toners according to our color chart;
- Odor-free;
- Suitable for application in thin layers;
- Quick to apply;
- Continuous coating with no joints or cracks;
- Textured finish with a natural look.

CERTIFICATIONS

MINIRASEX® FINE meets the requirements of UNI EN 1504-2: Concrete surface protection systems (DoP No. 460).

Meets the requirements of EMICODE EC1 PLUS, for products with very low emissions of volatile organic compounds (VOCs).

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

Surfaces must be flat, clean, and free of dust, oil, grease, mud, crumbly parts, paint, and in any case of anything that could harm adhesion. Surfaces should be suitably prepared with MINIRASEX® base coat (see specific data sheet).

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PRODUCT PREPARATION

MINIRASEX® FINE is supplied in premeasured packages. If required, add the necessary coloring (color toner) into comp. B (liquid part) and shake very well. Pour slowly under agitation the comp. B into comp. A and continue until homogenized, if necessary adjusting the density with small additions of water.

METHOD OF APPLICATION

Apply MINIRASEX® FINE to properly prepared substrate with a smooth trowel. In case of two-coat application, sand with fine glass paper between coats.

Apply the product at temperatures between +8°C and +35°C.

APPLICATION OF THE FINISH

MINIRASEX® FINE, in the MINIRASEX® system, can be finished with various types of impregnating agents. As a matte or gloss finish, we recommend painting with VERNILUX POL TR clear coat, or with the hybrid and high-strength product HYBRID® n-Coat.

CURING

Refer to the table below for drying (at 20°C) and curing times.

Workability time (Pot-life)	30 minutes
Touch-drying time	2-4 hours
Waiting time between first and second coat	4-6 hours
Walkability	12-24 hours
Final setting time	7 days

CLEANING OF EQUIPMENT

Equipment used for preparing and applying MINIRASEX® FINE should be cleaned immediately after use with water, preferably warm water. Once hardened, the product must be removed mechanically.

WARNINGS

Do not use if the container is damaged.

HEALTH AND SAFETY.

For information on safety regulations, hazard statements and precautionary advice, rely on the latest MSDS by making a request at:

ufficiotecnico@apsebg.it

STORAGE

Shelf life of 12 months when stored in original packaging in a cool, moisture-free place. Store at temperatures between +5°C and +35°C.

DISPOSAL

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


PRODUCT TECHNICAL DATA
PHYSICAL CHARACTERISTICS OF THE TWO COMPONENTS (at +20°C)

CHARACTERISTICS	STANDARD	RESULT	
		COMP. A	COMP. B
Appearance	-	Powder	Liquid
Color	-	White	White
Specific gravity	EN ISO 2811-1	1.9 g/cm ³	1.01 g/cm ³
Viscosity	EN 8490	-	150 cps

PHYSICAL CHARACTERISTICS OF THE MIXTURE (at +20°C)

CHARACTERISTICS	STANDARD	RESULT
Color	-	White/grey
Consistency of the mixture	-	Paste
Specific gravity	EN ISO 2811-1	1.95 g/cm ³

CHARACTERISTICS OF THE PRODUCT IN OPERATION

CHARACTERISTICS	STANDARD	RESULT
Flexural strength (at 28days)	ASTM D 790	11-13 N/mm ²
Compressive strength (at 28days)	ASTM D 695	28-35 N/mm ²

PRODUCT PERFORMANCE ACCORDING TO EN 1504-2 STANDARD

CHARACTERISTICS	STANDARD	RESULT
Permeability to CO ₂	EN 1062-6	R>50
Permeability to water vapor	EN ISO 7783	Class I
Capillary absorption and water permeability	EN ISO 1062-3	<0.1 kg/m ² xh ^{0.5}
Adhesion strength by direct traction	EN 1542	>2.0 N/mm ²

VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS

PARAMETER	STANDARD	RESULT	EC1 PLUS REQUIREMENTS
VOC emissions after 3 days	EN 16516	78 µg/m ³	≤750 µg/m ³
VOC emissions after 28 days	EN 16516	<5 µg/m ³	≤600 µg/m ³

Tests carried out by the Eurofins testing laboratory, test report no. 392-2021-00642601_G_EN, according to the EMICODE EC1 PLUS requirements.

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. - V&V Group. 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 any previous revision, all under the continuous verification of the data according to the new current Standards and our ISO 9001 management system. Please feel free to check the most up-to-date version of this Data Sheet on our website: www.apse.it

