

Technical Data Sheet

STONE Series

K.STONE

ONYX - CONVERTITORE X EFF. PIETRA



Ø 1.1-1.3 mm
1.5-3.5 atm



2-15 min at room temperature/130°C

PRODUCT DESCRIPTION AND CHARACTERISTICS:

One component product for reproducing a textured effect similar to stone or fabric. It gives plastic or any other manufactured item a finish with unique characteristics that are never identical. The size of the 'particle' is closely related to application factors such as quantity, nozzle size, fan ranges and operating pressures of the systems.

FIELDS OF APPLICATION:

Cosmetics sector, furniture components and general merchandise.

The effect is achieved directly on plastic substrates such as: ABS, SAN, PC, PVC, PP, following flame treatment. On these same materials or on others, including metal or glass, the effect can be achieved following the application of a coloured base coat.

Application onto a coloured base must be carried out after the base has been partially forced dried or, in any case, after a short flash period.

The final characteristics of the effect, thanks to the chemical-physical bonds that are formed, are strongly bound to both both the type of plastic and the type of undercoat-primer used as the first coat.

The product must always be protected with a suitable varnish.

Before proceeding with in-line varnishing, it is always necessary to carry out small-scale tests to assess and fine-tune both compliance with the required specifications and the plant parameters that enable the effective industrialisation of the entire varnishing process.

SUBSTRATE PREPARATION:

Plastics: Cleaning.

Ferrous surfaces: Remove any traces of rust and lubricants, then apply a suitable undercoat-primer.

Aluminium: Sand or scour with Scotch-Brite and degrease, then apply suitable primers/undercoat-primers.

Glass: Flame-treat, then apply suitable undercoat-primers.

PRODUCT PREPARATION:

	White	Yellow	Red	Magenta	Blue	Purple	Black
K.STONE	90	95	95	95	90	90	90
Add under mixing							
22820C^(*)	5	***	***	***	***	***	***
22822	***	5	***	***	***	***	***
22809	***	***	5	***	***	***	***
22839	***	***	***	5	***	***	***
22808C^(*)	***	***	***	***	5	***	***
22801C^(*)	***	***	***	***	***	5	***
22805C^(*)	***	***	***	***	***	***	5
10002AE	5	***	***	***	5	5	5

(*) To obtain a coarser particle size, do not use thinner 10002AE

Pre-mix Predisol with thinner 10002AE before adding it to the converter

The colours obtained in this way are ready to use and can be mixed together in any ratio.

By mixing them, it is possible to achieve an infinite range of effects and colours.

PRODUCT SPECIFICATIONS:

PRODUCT TYPE	: One-pack.	
FILM APPEARANCE	: Non-uniform	
COLOURS	: White, Yellow, Red, Magenta, Blue, Purple,	
SPECIFIC GRAVITY	: 0.800 kg/l ± 0.020	
SUPPLY VISCOSITY	: N/A	
SOLID CONTENT	: 6.5% (± 1)	
Drying time	: - <i>Dust-free</i>	: 60/90 seconds at 20 °C.
	: - <i>Hardening</i>	: 2-15 minutes at ambient temperature/130 °C
RECOMMENDED COATS	: one coat followed by the varnish.	

NOTES:

Shake well before use.

Always requires varnishing.

Do not use gear or diaphragm pumps

Before proceeding with in-line varnishing, it is always necessary to carry out small-scale trials to assess and fine-tune both compliance with the required specifications and the practical implementation of the entire varnishing process.

SAFETY REGULATIONS:

Strictly adhere to the instructions on the label and in the safety data sheet.

STORAGE CONDITIONS:

12 months in sealed containers away from direct sunlight (max. temp. 30°C)

The data and information contained in this data sheet are based on our experience and on thorough laboratory tests. However, as the varnishing process involves a series of operations beyond our control, they do not in any way constitute any form of guarantee of the final performance of the cycle itself.

Rev.: 09/25