

PRESIDIO SRA

INTERNAL CURING ADDITIVE FOR THE REDUCTION OF DRYING SHRINKAGE AND THE CONTROL OF MICRO-CRACKING

Specifically for use with the FLUECO shrinkage-compensated mortars



PRESIDIO SRA is a liquid curing additive that reduces drying shrinkage of mortars and grouts and regulates moisture loss from the mix water from the inside (internal curing), thus controlling cracking and curling. **PRESIDIO SRA**, when used in combination with the mortars and grouts of the FLUECO line, enables you to obtain shrinkage-compensated mortars for air curing.

BENEFITS

PRESIDIO SRA is a liquid curing additive that reduces drying shrinkage of mortars and grouts. **PRESIDIO SRA** has the following benefits:

- ✓ It regulates moisture loss from mixing water and enhances hydration.
- ✓ The internal curing mechanism reduces hygrometric shrinkage, thus enabling improved curing.
- ✓ It limits cracking and crazing thus lengthening the durability of the work.
- ✓ When used in combination with the shrinkage-compensated mortars FLUECO 55T and FLUECO 80T, it enables the expression of contrasted expansion properties even with air curing.
- ✓ It reduces the surface tension of water inside the porous medium, thus reducing the likelihood of shrinkage.



COMPATIBILITY

PRESIDIO SRA can be beneficially used for the preparation of the mortars of the FLUECO line that are shrinkage-compensated and have contrasted expansion during air curing: **FLUECO 55T, FLUECO 80T, FLUECO 80 C**.

APPLICATION INSTRUCTIONS

DOSAGE

PRESIDIO SRA is added to the mix, for shrinkage reduction, at a dosage of 1 % on the weight of the mortar. With one 20-kg can of **PRESIDIO SRA** it is possible to add the additive to eighty 25-kg bags of mortar. When the ambient temperature is between +5 and +10°C it is possible to use a dosage of component B lower than 1% to avoid excessive slowing down of the setting time.

APPLICATION

Mix the pre-blended product for several minutes with at least 80% of the mixing water in a cement mixer, or better still, in a plaster mixer. For small quantities you may use a mixing drill with paddle. Add **PRESIDIO SRA** in the recommended dosage and mix until smooth and free of lumps

CURING OF THE CONCRETE

PRESIDIO SRA acts as internal curing. To obtain the best results from the product, even in dry climates, or where surfaces are exposed to excessively windy or sunny conditions, we in any case recommend the use of the curing membrane PROBETON CURING N, applied with a roller or by airless spraying.

PACKAGING AND STORAGE

PRESIDIO SRA is available in pails:

- 20-kg Can
- 200-kg Drum
- 1000 kg IBC

If kept in its original packaging and properly stored under cover in a dry place, the product maintains its characteristics for a year.



PRODUCT CHARACTERISTICS

| | |
|------------------------|---------------------------------------|
| APPEARANCE | Liquid |
| COLOUR | Clear |
| BULK DENSITY - ISO 758 | 1,03 kg/l ± 0,03 |
| CHLORIDES | Absent |
| PACKAGING | 20-kg Can ; 200-kg Drum ; 1000 kg IBC |
| SHELF LIFE | 12 months – Protect from frost |

APPLICATION DATA

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|------------------------|------------------------------------|
| PRINCIPAL ACTION | Reduction of drying shrinkage |
| HARMFULNESS CEE 88/379 | No |
| FLAMMABILITY | No |
| CUSTOMS COMMODITY CODE | 3823/4000/0000/0 |
| CONSUMPTION | 1% of weight of pre-blended mortar |

TECHNICAL SPECIFICATIONS



PRESIDIO SRA, produced by Draco Italiana SpA, is a liquid curing additive for preparing mortar and grout from the FLUECO line for shrinkage-compensated repairs. It will be used to regulate air curing and reduce shrinkage, thus limiting cracking. The additive must be used in accordance with the recommendations given by the manufacturer, Draco Italian SpA, who will provide assistance from qualified personnel on request.

LEGAL NOTICE - SLCMP version dated 01.03.2017

In the technical specifications herein, Draco Italiana s.p.a. used the indicators therein specified, with the relevant standards. Please check if this Sheet and the figures therein contained apply to the product batch you are interested in or if they have been overridden by any later release. If in doubt, check whether this Sheet matches the one applicable at the time of finalising the sales agreement, at www.draco-edilizia.it, and/or contact our Engineering Department. No advice provided by our staff, either verbally or in writing at your request, about the potential applications of the Products shall be binding under the sales agreement or shall be considered an integral part of the agreement. Such advice is based on our experience and on the best available practical and/or scientific knowledge; as such, it shall not be binding or conditional on the buyer or user. Please try our products first to find out whether they are fit for your intended use or application; in any case, you shall be solely responsible for your choice.