Sto Crack Defense
Fortification layer to minimize surface cracking in stucco wall systems

Traditional plaster is a beautiful finish and stucco systems are one of the most popular systems in the United States. What is not popular is the potential for cracking to appear. Sto offers an easy solution to minimize the occurrence of cracks in the surface of the wall system. Sto Crack Defense adds strength and flexibility to the outer wall surface. It consists of a layer of Sto woven glass fiber reinforcing mesh embedded in Sto polymer basecoat. It is an ideal option when specifying a smooth finish or to repair existing stucco walls.
A cost-effective crack reducing option for both new and existing construction

Cracking in stucco is the number one complaint and now there is a simple way to greatly reduce the occurrence of surface cracking. Sto Crack Defense adds minimal cost to the wall system but will save a substantial amount of money in the end by reducing call backs and maintenance/repair costs. Sto Crack Defense is also ideal for restoring existing stucco buildings before they have experienced structural damage: resurfacing the building with Sto Crack Defense will provide a life for the building while allowing for a wide variety of aesthetics.

Sto Crack Defense can be added to any of Sto’s fully engineered stucco systems and can extend your system’s warranty by up to 3 years. A wide variety of Sto polymer-modified basecoats can be used to allow maximum versatility and choice to the designer and contractor. Sto RFP is the ideal product. It is a micro-reinforced basecoat and is the ideal Sto® product with the highest tensile strength and flexibility. It does not contain or require any cement and will help in reducing the occurrence of efflorescence. See Crack Defense options in our specifications for alternative basecoat options. Finish the system with any of Sto’s finishes: Our goal is to give you unmatched creative freedom and the ability to establish the design aesthetic that best illustrates and illuminates your creative vision.

Enjoy a beautiful and longer lasting building with fewer call-backs; do it once, do it right, specify the Sto Crack Defense option.

Features | Benefits
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Fiberglass-based mesh | High tensile strength
Alkali-resistant mesh | Compatible with cement-based material
Polymer-modified basecoat | Excellent adhesion; increased durability and freeze/thaw resistance
Mesh embedded in basecoat | Flexibility and strength to reduce surface cracks Reduced maintenance and call-backs

Sto Crack Defense as a repair method: Sto mesh embedded in Sto RFP, finished with StoPrime® and Stolit® 1.0

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