



# STANLEY® A 825 ULTIMATE GRAB ANCHORFIX™

## DESCRIPTION

STANLEY A 825 ULTIMATE GRAB ANCHORFIX is a high-performance polyester injection mortar designed for general-purpose anchoring in both solid and hollow supports. This versatile product features a quick curing time, making it ideal for fast, efficient installation in a variety of applications. It is specifically formulated for use in concrete, perforated bricks, and cavity blocks, providing strong and reliable anchorage in a wide range of construction and repair projects. It offers excellent adhesion and durability, ensuring a secure bond even in challenging materials. Whether for heavy-duty installations or lighter applications, this injection mortar provides a quick and effective solution for all your anchoring needs.

## PRODUCT FEATURES

- Suitable for solid and hollow structures
- High solid content
- Easy to extrude and to inject
- Thixotropic, can be applied in vertical and horizontal direction
- Fast curing

## APPLICATIONS

- The product is recommended to use at Concrete Solid & hollow masonry, Hard natural stone, Solid rock, Voiced stone or rock.
- Typical applications; Canopies, Boilers, Bicycle racks, Handrails, Masonry supports, Signs, Safety barriers, Balcony fences, Racking, Machinery, Satellite dishes.

## PRODUCT INFORMATION

PACKAGING	10.1 Fl.Oz. / 300 ml
	12 pcs in box
SHELF LIFE	18 Months
STORAGE	Store in cool and dry conditions between +41°F and +77°F.
SKU	COLOR
SXAD 2030-01	Light gray

## DIRECTIONS FOR USE

- Choose a drill of suitable dimensions depending on the rod to be anchored.
- Remove the water and dirt (dust and loose material) with a circular brush and a blower or with air pressure.
- The items to be fastened must be clean.
- In case the anchor is set in a hollow brick, introduce the sleeve of suitable dimensions (for brick: sleeve 0.63 in x 3.35 in, and for concrete block: sleeve 0.63 in x 5.12 in).
- In the case of a solid base material, inject the product from the base of the hole until 2/3 full.
- Insert the element to be fastened rotating, if necessary, keep the position with a suitable device.
- Unscrew the mixing nozzle and replace the cap.

## LIMITATIONS

- Material removed from its original container can be contaminated during usage which affects both adhesive performance and storage life. Therefore, do not return contaminated products to the original container.
- Stanley cannot take any responsibility for a product which has been contaminated or stored under conditions different than previously indicated.
- This guaranteed anchor is not meant to be used as a cosmetic or ornamental product.
- Anchoring into porous or reconstituted stone it is suggested that technical help is sought.
- Migration of the monomer within the resin might cause staining in certain materials. If you are still uncertain, it is better to check the resin by applying it in an exceedingly small, separate area and testing before using.

## SAFETY

Ensure good ventilation of the workstation. Wear personal protective equipment. Do not eat, drink, or smoke when using this product. Always wash hands after handling the product. Store in a well-ventilated place. Keep cool. Check MSDS guidelines for disposal and further information concerning safety.



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## KEY FEATURES

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## TECHNICAL DATA

PARAMETER	TEST METHOD / CONDITIONS	VALUE
BASIS		Unsaturated Polyester
DENSITY		13.77 ± 0.42 lbs/gal
COMPRESSIVE STRENGTH		11,893 psi
VISCOSITY	ASTM D1084 (cps)(77°F)	12,000-20,000 cps
TEMPERATURE RESISTANCE	Ambient and surface	Between -40°F and 176°F
APPLICATION TEMPERATURE	Ambient and surface	Between +41°F and +95°F

## WORKING AND LOADING TIMES

Temperature (°F)	41°F	50°F	68°F	86°F	95°F
Working Time (min)	25	15	6	4	2
Loading Time (min)	120	80	45	25	15

## INSTALLATION PARAMETERS

5.8 Grade Rod	Drill Hole (in)	Embedment Depth (in)	Edge Distance (in)	Spacing (in)	Torque Moment (lb-ft)	Concrete C20/25 Tensile (lbf)	Concrete C20/25 Shear (lbf)
M8	0.39	3.15	3.15	6.30	7.38	1956	1214
M10	0.47	3.54	3.54	7.09	14.75	3071	1958
M12	0.55	4.33	4.33	8.66	29.50	3728	2808
M16	0.71	4.92	4.92	9.84	44.25	5416	5054
M20	0.94	6.69	6.69	13.39	88.51	8058	7858
M24	1.10	8.27	8.27	16.54	110.63	11694	11240

## THEORETICAL CONSUMPTION

Threaded Bar	M8	M10	M12	M16	M20	M24
Diameter of Threaded Bar (in)	0.31	0.39	0.47	0.63	0.79	0.94
Diameter of Hole in Concrete (in)	0.39	0.47	0.55	0.71	0.94	1.10
Anchoring Depth (in)	3.15	3.54	4.33	4.92	6.69	8.27
Consumption per Hole (fl oz)	0.17	0.27	0.47	0.88	1.66	5.85
Number of Holes with 300ml Cartridge	55	35	21	11	5	1

## DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions, or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.

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## BEST TO USE WITH

	SKU NUMBER	PRODUCT NAME