



**ATLAS  
PLAST**  
PIPE SYSTEMS  
SINCE 1990



Guarri®



## GU-P ECO Polyester with Styrene Chemical Anchor

Polyester with styrene is a high performance general purpose two-component chemical anchoring system that has been formulated for anchoring in a wide variety of building materials. PE – normal gel and cure time (standard grade)  
 PE-E – slow gel and fast cure time for high-temperature environments (extended gel time / tropical grade)  
 PE-C – fast gel and fast cure time for cold-temperature environments (winter grade)

## GU-PS Polyester Styrene Free Chemical Anchor

Polyester styrene free is a universal bonded anchoring system for use in hollow and solid substrates within dry, wet or flooded conditions formulated free of styrene, PESF has a very low odour and is ideal for use in confined spaces and indoors. PESF – normal gel and cure time (standard grade)  
 PESF-E – slow gel and fast cure time for high-temperature environments (extended gel time / tropical grade)  
 PESF-C – fast gel and fast cure time for cold-temperature environments (winter grade)

NAME	PACKAGING	ITEMS (PER BOX)	ITEMS (PER PARCEL)	ITEMS (PER PALLET)
PE	300 ml	20	75	1500
PE	345 ml	12	100	1200
PE	410 ml	12	100	1200



NAME	PACKAGING	ITEMS (PER BOX)	ITEMS (PER PARCEL)	ITEMS (PER PALLET)
PESF	300 ml	20	75	1500
PESF	345 ml	12	100	1200
PESF	410 ml	12	100	1200



## GU-EA ECO Vinylester with Styrene Chemical Anchor

Vinylester with styrene is a two-component bonded anchoring system for stress-free fixing into solid and hollow substrates. VE produces higher bond strength than polyester and is suitable for more demanding applications. VE is ideal for applications such as hand railings, fences, posts and signs, air conditioning and ventilation systems or public furniture.

VE – normal gel and cure time (standard grade)  
 VE-E – slow gel and fast cure time for high-temperature environments (extended gel time / tropical grade)

VE-C – fast gel and fast cure time for cold-temperature environments (winter grade)

NAME	PACKAGING	ITEMS (PER BOX)	ITEMS (PER PARCEL)	ITEMS (PER PALLET)
VE	300 ml	20	75	1500
VE	345 ml	12	100	1200
VE	410 ml	12	100	1200

## GU-V PLUS Epoxy Acrylate Styrene Free Chemical Anchor

EASF offers outstanding performance in concrete, masonry, and other substrates. It is ideally suited for high load/heavy duty structural anchoring applications of studs, threaded bars, starter bars and dowels. Being free of styrene, our EASF formulation has a very low odour and is well suited for use indoors and in confined spaces. It has a very low VOC content.

EASF – normal gel and cure time (standard grade)  
 EASF-E – slow gel and fast cure time for high-temperature environments (extended gel time / tropical grade)

EASF-A – fast gel and fast cure time for cold-temperature environments (arctic grade)

NAME	PACKAGING	ITEMS (PER BOX)	ITEMS (PER PARCEL)	ITEMS (PER PALLET)
EASF	300 ml	20	75	1500
EASF	345 ml	12	100	1200
EASF	410 ml	12	100	1200



## GU-EAS Vinylester Styrene Free Chemical Anchor

Vinylester styrene free is a multi-purpose bonded anchoring system with improved performance. It is suitable for use in dry, wet and flooded holes. Formulated free of styrene, VESF has a very low odour and is ideal for use in confined spaces and indoors.

VESF – normal gel and cure time (standard grade)  
 VESF-E – slow gel and fast cure time for high-temperature environments (extended gel time / tropical grade)

VESF-C – fast gel and fast cure time for cold-temperature environments (winter grade)

NAME	PACKAGING	ITEMS (PER BOX)	ITEMS (PER PARCEL)	ITEMS (PER PALLET)
VESF	300 ml	20	75	1500
VESF	345 ml	12	100	1200
VESF	410 ml	12	100	1200

## GU-ER 500 Pure Epoxy Chemical Anchor

EP is a ultimate performance two-component pure epoxy bonded anchoring system for use in cracked and uncracked concrete under normal as well as seismic conditions. It works perfectly down to -5 °C, cures fast and has high strength.

NAME	PACKAGING	ITEMS (PER BOX)	ITEMS (PER PARCEL)	ITEMS (PER PALLET)
EP	385 ml	12	100	1200
EP	585 ml	12	100	1200



## HUM-A Hybrid Urethane Methacrylate Comparison Table

### Chemical Anchor

HUM provides exceptional performance in concrete, masonry, and similar surfaces, making it an excellent choice for demanding structural anchoring tasks involving studs, threaded bars, and reinforcing bars under heavy loads. Our HUM formulation, free of styrene, combines the high temperature resistance of polyurethane with the robust mechanical strength of acrylates. Additionally, its incorporation of high-performance inorganic binders ensures durability and resilience in challenging environments.

HUM – normal gel and cure time (standard grade)

HUM-E – slow gel and fast cure time for high-temperature environments (extended gel time / tropical grade)

HUM-A – fast gel and fast cure time for cold-temperature environments (arctic grade)

NAME	PACKAGING	ITEMS (PER BOX)	ITEMS (PER PARCEL)	ITEMS (PER PALLET)
HUM	300 ml	20	75	1500
HUM	345 ml	12	100	1200
HUM	410 ml	12	100	1200

MECHANICAL VALUES	RESIN TYPE	ETA APPROVAL
Low (4/10)	PE	Option 7
	PESF	Pending Option 7
Medium (5/10)	VE	On Process
	VESF	On Process
High (7/10)	EASF	Option I - Seismic C1
Ultimate (9/10)	HUM	Pending Option I - Seismic C2
Ultimate (10/10)	EP	Pending Option I - Seismic C2

### Minimum Order Quantity Requirements

PACKAGING	FOR LABELS (Pcs)	FOR BOX (Pcs)
300 ml	6000	12000
345 ml	6000	12000
410 ml	6000	12000
585 ml	3000	6000
385 ml	3000	6000



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\*This image is created by artificial intelligence.

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