



GROUTING – RESIN ANCHORS

Product Code Prefix

FASLOC® TWO SPEED OIL BASED RESIN ANCHOR

RO-2

Product Code Guide	Designator	Length	Diameter	Speeds	
	RO	1000	24	F	S

Key Features

The FASLOC® Two Speed resin anchor is a two-part mastic and oil-based catalyst at a ratio of 11:1, pre-packaged into a single cartridge with two distinct resin gel times. This provides a separate point anchor and tension time for rock bolting.

Bolt rotation during installation ruptures and shreds the resin cartridge enabling the two key components to mix and create a chemical reaction transforming the resin into a solid anchor.

Performance Testing

Pull Out Test

Measured using slow set resin, 300mm encapsulation in 60MPa grout using 21.7mm core diameter high tensile grade bolts in a 28mm diameter hole.

Age	Load
Hrs	kN
24	210

Punch Shear Test

Measured according to BS2782 (Part 3), with slow set resin. Typical results:

Age	Shear Strength
Hrs	MPa
24	> 22

Resin Installation Times

Resin Speed	Spin Time*	Hold Times*
	sec	sec
Extra Fast / Slow	12	12 -60
Fast / Slow	14	12 -60
Medium / Slow	16	19 -60

*Target times given for 25°, variations can occur with temperature differences, drill speeds, strata conditions, bolt profile, hole diameter, annulus and other effects.

DSI Underground
25 Pacific Highway
NSW 2290 Bennetts Green
Australia

Phone +61 2 49489099
Fax +61 2 49484087
E-mail sales@dsiunderground.com.au
www.dsiunderground.com.au

Published Date 16.12.2020

All dimensions, weights, quantities and specifications are those applicable at the time of this publication and may be amended from time to time. Please contact your local DSI Underground representative for final confirmation of any key specifications.

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Shelf Life

Suggested shelf life is 6 months when stored below 25°. Storage at lower temperature is recommended along with careful stock rotation based on use-by date.

Standard Lengths & Packaging

- Standard cartridge diameters include 24[mm], 30[mm] and 36[mm].
- Typical cartridge lengths range from 600[mm] – 3,000[mm].
- Resin cartridge parachute style retainers are available as in box accessories.

Notes

- DSI Underground is Quality Assured to ISO 9001:2015.

Product Accessories Examples

- DSI Underground manufactures a comprehensive range of products specifically designed for this range of Resin.

Typically, Products used are:

	Products		
Product Group	Plates	Plates	Bolts
Product Imagery			
Product Code Prefix	OCP	STP	AKH

Phone APP

- Want to know more; our full product range, knowledge centre, and other details are available via the App; available on iOS and Android devices by searching “DSI Underground”.



iOS



Android