Rise Mining Developments Pty Ltd (ABN 62 099 885 739) trading as :

DD Grout Plugs.com

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Terra-Barb Data Sheet

The *DD Grout Plugs* ***Terra-Barb*** is a simple mechanical plug for rifling protection in underground diamond drill holes. The ramped rubber rings are a one way brake, allowing the plug to go forward but not to reverse back. Two work together on each ramp as a simple spring loaded arrangement to provide a small forward resistance, to enable grouting behind the plug in addition to the substantial rifling resistance provided from in front of the plug.

The ***Terra-Barb*** can be used on its own for rifling protection, or with a grout column. The plug works immediately on installation. The ***Terra-Barb*** will not corrode, and can be drilled through for hole extensions. The base of the plug is tapered to fit into a drill bit, allowing it to be easily and remotely pushed in to the collar with the diamond drill rig.

IMPORTANT: The ***Terra-Barb*** is made for use with standard size drill bits and reamers. Please contact us if oversize (OS) reamers are used.

***Terra-Barb* specifications and plug ratings**	***Hole Size***			
	AQ/LTK48	**BQ/LTK60**	**NQ/NQ2**	**HQ Terra-2**
Rifling Protection (load bearing capacity to sliding, in kg)	6000	10000	12000	9000
Water pressure rating at FoS 2:1 (Bar, *[psi]*)	14 *[200]*	14 *[200]*	14 *[200]*	*N/A*
Forward load resistance (nominal, in kg), to support a column of grout	200	200	200	3000

The ***Terra-Barb*** is pressure rated to 200 psi (14 Bar) with a 2:1 Factor of Safety for water control, however water pressure applications we recommend the ***Hydra-Barb*** or the ***Grouter*** series of high pressure water control and grouting plugs.

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