



multi purpose thread sealant - cold potable water

SD 002 26-05-2020

Description

Altecnic multi-purpose jointing compound is a soft-setting, non-petroleum based thread sealant for use with potable water, liquids and gases where immediate pressurisation is necessary.

Altecnic multi-purpose jointing compound is a water resistant, non-staining, low odour sealant which includes Aramid fibre, PTFE and unique natural fillers for better sealing and a tighter joint make-up due to increased thread lubrication.

The multi-purpose jointing compound will provide an excellent seal for correctly made-up taper thread connections to 50mm (2") diameter.

It is non-toxic, environmentally safe, and contains no lead or metals.

It is easily applied and is brushable.

Technical Specification

Temperature Range:	-18°C to 200°C after application.	
Pressure Rating:	Liquids	690 bar
	Gases	138 bar
WRAS approved:	Cold Temperature	23°C
	Hot Temperature	85°C
Fluid Type:	Vegetable oil	
Colour Appearance:	Beige semi fluid	
Specific Gravity:	1.32	
Oil Separation - Wt. Loss % @ 100°C	Not applicable	
Flash Point (Seta Closed Cup):	113°C	
Non-volatile Content:	>85%	
Viscosity:		
	Brookfield (ASTM D-2196) 25°C	120,000 to 180,000cPs
	Copper Strip Corrosion (ASTM D-4048)	1A

Advantages

- Soft Setting
- Not petroleum based
- Water resistant
- Lead and other metal free
- Low odour
- Allows immediate pressurisation**
- Contains Aramid fibre, PTFE & natural fillers
- WRAS approved for cold potable water
- Approved for gas installation
- Brushable to -18°C

**Certain applications may require a delay for optimum results.

Applications

Suitable for steel, aluminium, brass, copper, iron, polyethylene, reinforced fibreglass, and PVC.

Not suitable for ABS or CPVC.

Suitable for threaded pipe carrying:

- Water and water/glycol solutions
- Brine
- Gases including air, natural gas, insert gases and carbon dioxide
- Butane/Propane gas
- Hydraulic Oil
- Dilute acid/alkali
- Refrigerants
- Low pressure steam

Approvals

BS 6920: part 1 and 2.1: 2014

This product is suitable for use in contact with 1st, 2nd and 3rd family gases as defined by BS EN 751-3: 1997 for gas pipe connections, thus making it suitable for gas installations carried out by a Gas Safe engineer.

WRAS listed for cold potable water.

Note:

WRAS regulations do not allow the use of hemp fibres.

Make sure the fittings are round and not oval.

Do not re-use fittings as they are often deformed and may not seal effectively.

Assembly

- 1 For best results, clean all surfaces (external and internal) with a cleaning solvent and allow to dry.
- 2 Apply a 360° bead of compound to the leading threads of the male fitting, leaving the first thread free. Force the compound into the threads to thoroughly fill the voids.
- 3 Once applied, allow a few minutes for solvent to flash off before assembling.
- 4 Screw in male fitting and wrench tighten in accordance with manufacturer's recommendations.
- 5 Correctly tightened fittings will seal instantly to moderate pressures. For maximum pressure resistance and solvent resistance allow the compound to cure for a minimum of 24 hours.