

RESICON 7

high performance chemical injection anchoring

pourable polyester resin anchor

Product Description

Resicon 7 A two part concrete repair resin & anchoring system, with extremely high strength in compression and tension making it ideally suitable for anchoring large bolts, starter bars, machinery installations & ground repair. Once mixed the formula can be poured into the pre-drilled hole, or the repair area, and has 'self levelling' properties which make it ideal for shuttering, and bedding-in of deep posts. Pre-mixed aggregate and hardener components allow for fast & safe mixing.

Available Sizes

5kg (3 Litre) & 15kg (9 Litre)

Key Features

- For use in large diameter holes.
- Self levelling properties.
- Ideal for ground repairs to concrete.
- Made from 58% recycled material.
- Easy to mix and apply.

Typical Gel and Curing Time*

BASE MATERIAL TEMPERATURE (°C)	35	25	15	10	5**	0**
TYPICAL GEL TIME (mins)	6.5	11	19	40	58	70
MIN. TRAFFIC TIME (mins)	9	15	25	50	75	110

**Below 5°C resin will naturally become more viscous.

* Full Cure is achieved after 24 hours.

Mixing and Application

Remove the resin tin and cardboard dividing card from the package, stir the resin contents thoroughly prior to use. Combine all of the resin tin contents with the aggregate mix in the plastic unit and mix until an even consistency is Achieved. We recommend the use of a slow speed mechanical mixer for 2-3 minutes. Concrete repair: Remove all the debris and dust from the area to be repaired. Prior to application the area must be clean, dry and sound. Anchoring: Drill a hole to the correct diameter and depth. remove dust and debris from the hole by use of a steel brush and push pump. Anchoring bars should be free from oil, grease and flaking rust.

Coverage : 0.6m² @ 5mm Thickness per 5kg



Typical Ultimate Physical Properties

	N/mm ²	TEST METHOD	STORAGE / SHELF LIFE	IMPORTANT
COMPRESSIVE STRENGTH	81.64	ASTM 695 & EN ISO 604	This product should be stored between +5 °C & +25 ° C. Packaging must remain airtight. The Shelf life of the product is 24 months from the manufacture date.	The information and data given is based on our own experience, research and testing and is believed to be reliable and accurate. However, as Heads and All threads cannot know the varied uses to which its products may be applied, or the methods of application used, no warranty as to the fitness or suitability of its products is given or implied. It is the users responsibility to determine suitability of use. For further information please contact our Technical Department.
FLEXURAL STRENGTH	21.10	ASTM 795 & EN ISO 178		
FLEXURAL MODULUS	4366	ASTM 795 & EN ISO 178		
TENSILE STRENGTH	15.00	ASTM 638 & EN ISO 527		
E MODULUS	19029	ASTM 638 & EN ISO 527		