



ARDEX Building Product Information Sheet: Concrete Injection Systems

Product name:	ARDEX Concrete Injection systems
Product line (the product line from which the product is customised)	Concrete Repair
Product description and its intended use (measurements, materials, usage)	<p>Concrete Crack Lock: carbon-fibre crack bridging stitches sit across cracks in concrete to assist stability and help to prevent further cracking in concrete.</p> <p>RA 88 PLUS is a two-component, ceramic blend epoxy repair adhesive perfect for horizontal, vertical and overhead use (trowelable). Ideal as a repair adhesive for almost any material and for applying ARDEX ports for injection.</p> <p>RA 56 is a Polyurethane crack repair adhesive with ultra low viscosity to penetrate deep into cracks.</p> <p>RA 146 is a thixotropic structural epoxy adhesive with a gel-like consistency for repair of medium sized cracks (6-10mm) when using an injection port system (ARDEX T-Ports)</p> <p>RA 142 is a super-low viscosity epoxy adhesive perfect for gravity-fed and pressure injection repairs to hairline/fine-width horizontal cracks (0.05mm to 3mm)</p> <p>RA 144 is a low viscosity structural epoxy adhesive used for a variety of repair projects perfect for horizontal gravity-fed repair of fine to medium size cracks of 3mm to 6mm</p>
Product identifier (if applicable):	<p>30440 – Concrete Crack Lock stitches</p> <p>19930 – RA 56, 254ml</p> <p>22779 – RA 56, 600ml</p> <p>22792 – RA 146 470ml</p> <p>22780 – RA 142 470ml</p> <p>22791 – RA 144 470ml</p> <p>41774 – RA 88 Plus 627ml</p> <p>19927 – RA 88 Plus 254ml</p>
Place of manufacture:	Overseas
Legal and trading name of the manufacturer(s):	Adhesive Tech USA
Legal and trading name of the importer	ARDEX New Zealand Ltd
Address for service:	15 Alfred Street, Onehunga Auckland New Zealand 1061



Website:	ardex.co.nz
Email address	info@ardexnz.com
Phone No	0800 227 339
NZBN	9429037589653
Relevant Building Code clauses:	B1 STRUCTURE Contributes B2 DURABILITY Contributes C6 STRUCTURAL STABILITY Contributes F2 HAZARDOUS BUILDING MATERIALS
Statement on how the building product is expected to contribute to compliance:	<p>ARDEX crack repair complies with the principles defined in EN 1504-9 (“Products and systems for the protection and repair of concrete structures. Definitions, requirements, quality control and evaluation of conformity. General principles for use of products and systems”), and the minimum requirements for EN 1504-5 (“Concrete Injection”)</p> <p>A suitably qualified Structural Design Engineer should specify this product based on the structural requirements of the degraded concrete structure.</p> <p>A Structural Design Engineer should review the NZ Building code clauses with reference to EN 1504-5, SAA/SNZ HB84:1996 and NZS 3101:2006 to confirm compliance for each specific application</p> <p>F2 Hazardous Building Materials: F2.3.1 – When ARDEX crack repair products are being applied, the appropriate health and safety precautions should be undertaken. Once this product is set ARDEX crack repair products are non-hazardous and do not emit any harmful gases or substance.</p>
Limitations on the use of the building product:	Please refer to the relevant product datasheet
Design requirements that would support the use of the building product:	<p>Specification of ARDEX crack repair products should be specifically undertaken by a qualified structural engineer after identifying the cause of degradation of the concrete structure/member and by selecting relevant concrete repair mortar to meet the performance parameters for restoration.</p> <p>Specification should comply with the requirements of EN 1504-5, SAA/SNZ HB84:1996, NZS 3101:2006.</p> <p>A qualified structural Engineer should check and confirm the compatibility of the product with Building Components</p>
Installation requirements:	Please refer to the relevant product datasheet
Maintenance requirements:	No maintenance requirements outside of standard building maintenance is required



Is the building product/building product line subject to warning or ban under section 26?:	No
	ARDEX BPIRS Concrete Injection Systems v1.31.10.23