



ARDEX Building Product Information Sheet: ARDEX Construction Range Cements

Product name:	ARDEX Construction Range Cements
Product line (the product line from which the product is customised)	Construction Range Cements
Product description and its intended use (measurements, materials, usage)	BR345 MICROTEC® Fibre-Reinforced, High Resistivity, Polymer-Modified, Structural Concrete Patching and Repair Mortar is designed for reinstating concrete surfaces damaged through concrete spalling and other chemical or mechanical causes. BR340 MICROTEC® Fibre-Reinforced, Polymer-Modified, Structural Concrete Patching and Repair Mortar is designed for reinstating concrete surfaces damaged through concrete spalling and other chemical or mechanical causes BR460 FLOW High Performance, Flowable Structural Micro Concrete is a pourable repair mortar designed for reinstating horizontal concrete surfaces damaged through concrete spalling and other chemical or mechanical causes. A 46 is a rapid setting and drying, slump-free mortar. A 45 is a rapid drying and rapid hardening slump free repair mortar. A 30 is a slump free feather edge patching compound that is designed for internal filling of cavities, holes, unevenness and patching work in wall and floor areas. ARDEX MRF moisture-resistant, skim coat smoothing compound is designed to provide a smooth surface prior to the installation of ARDEX moisture control systems or moisture-resistant adhesives and flooring.
Product identifier (if applicable):	A 30 – 11285 A 45 – 10237 A 46 – 25354 BR 460 FLOW – 24543 BR 340 – 24611 BR 345 – 25475 MRF - 40409
Place of manufacture:	Overseas
Legal and trading name of the manufacturer(s):	ARDEX Australia
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 B2 Durability C6 Structural Stability F2 Hazardous Building Materials: F2.3.1
Statement on how the building product is expected to contribute to compliance:	ARDEX Construction Range Cements comply 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 1504-3 (“Structural and non-structural repair”) for R3 and R4 class structural repair mortars • A suitably qualified Structural Design Engineer should specify this product based on the structural requirements of the degraded concrete structure. • A Structural Design Engineer should review the NZ Building code clauses with reference to EN 1504-3, SAA/SNZ HB84:1996 and NZS 3101:2006 to confirm compliance for each specific application • ARDEX Construction Grout Cements have an A1 rating for Fire as per euro class EN 13501-1 • F2 Hazardous Building Materials: F2.3.1 – ARDEX Construction Grout Cements contain a mix of cement, sand, fibres, and additives. When the product is being applied it therefore has the same hazards as fresh concrete and appropriate health and safety precautions should be undertaken. Once this product is set and hard ARDEX Construction Range Cements are a non-hazardous product and do not emit any harmful gases or substance.
Limitations on the use of the building product:	• To avoid shrinkage when ARDEX Construction Range Cements are drying in open air, use a special admixture which has the property of reducing both plastic and hydraulic shrinkage. • Do not use ARDEX Construction Range Cements for recasting in formwork or for repairs of structures subjected to intense compressive loads or high abrasion. • ARDEX Construction Range Cements should not be applied on smooth surfaces, roughen the surface thoroughly and add rebars if necessary.
Design requirements that would support the use of the building product:	• Specification of ARDEX Construction Range Cements 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. • Specification should comply with the requirements of EN 1504-3, SAA/SNZ HB84:1996, NZS 3101:2006. • A qualified structural Engineer should check and confirm the compatibility of the product with Building Components.



Installation requirements:	Please refer to the appropriate product datasheet found at ardex.co.nz
Maintenance requirements:	No special maintenance other than standard building maintenance in the area where the product is used, unless otherwise specified in the product datasheet
Is the building product/building product line subject to warning or ban under section 26?:	No
	ARDEX BPIS Construction Range Cements v2 08.03.24



ARDEX Building Product Information Sheet: Floor preparation products

Product name:	ARDEX levelling, patching and repair compounds
Product line (the product line from which the product is customised)	Floor preparation
Product description and its intended use (measurements, materials, usage)	ARDEX Floor Preparation products are designed to pre-level and patch new or existing floors to meet the requirements of AS 1884:2023 Floor Covering Resilient Sheet and Tiles Products Covered by this BPI Sheet- ARDEX A 45 ARDEX A 46 ARDEX K120 ARDEX K220 ARDEX K12 New ARDEX K15 ARDEX Arditex NA ARDEX LQ92 ARDEX K 65 ARDEX Feather Finish ARDEX Fine Finish ARDEX K 900 BF ARDEX MRF ARDEX K125 ARDEX K275 ARDEX K60 Arditex
Product identifier (if applicable):	<i>Use product database file SAP code and description (update with BPIS name)</i> 24721 K120 20kg bag 23240 K220 20kg Bag 16631 K12 NEW 20kg bag 16632 K15 MICRO 20kg bag 11099 Arditex NA Liquid 4.8Kg pail 11101 Arditex NA Powder 20kg bag 38352 ARDEX K 65 10396 ARDEX Feather Finish, 10kg bag 10613 ARDEX Feather Finish, 4.5kg pail 19677 ARDEX Fine Finish, 10kg bag 24954 ARDEX K 900 BF 40409 ARDEX MRF, 10kg 44770 ARDEX K125, 20 kg 44771 ARDEX K275, 20 kg 44764 ARDEX K60 Arditex, 20 kg Powder 44765 ARDEX K60 Arditex, 4.8kg Liquid



Place of manufacture:	Overseas
Legal and trading name of the manufacturer(s):	ARDEX Australia Pty Ltd
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:	Clause B2 DURABILITY: Clause B2 DURABILITY: Performance B2.3.1 (B), 15 years. Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1.
Statement on how the building product is expected to contribute to compliance:	Clause B2 DURABILITY: Clause B2 DURABILITY: Performance B2.3.1 (B), 15 years. Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. ARDEX floor preparation products are used under resilient flooring products to provide a suitable substrate for floor coverings to be installed. There is no local or global standard for testing. Performance testing undertaken by ARDEX include compressive strength, flexural strength, set times, length change, etc. These parameters are all set internally for ARDEX to issue appropriate warranties. ARDEX floor preparation products are designed to exceed the life expectation of the top floor covering. All ARDEX products are tested for VOC content and are below the parameters as set down for products used internally.
Limitations on the use of the building product:	Must be installed in accordance with the technical datasheet- Substrate limitation and covering types may apply. A minimum CSP profile must be achieved on concrete using suitable mechanical preparation methods. Test criteria on substructure must be carried out in accordance with AS 1884: 2021- Including moisture testing and ph testing were required. Shall not be installed on substrates with high moisture content or subject to hydrostatic pressure.



	Surfacing must be installed on all products excluding K301 which is suitable for direct traffic. K301, A46 are suitable in external environments. K900BF may be used under waterproofing membranes externally.
Design requirements that would support the use of the building product:	Where substructure does not meet the requirements of AS 1884:2021 or NZS 3114. In most resilient flooring situations floor preparation is required.
Installation requirements:	All work to be completed in accordance with the technical datasheet, AS 1884:2021 and Best trade practice. https://www.ardex.co.nz/products_category/flooring/subfloor-preparation/
Maintenance requirements:	As these products are used underneath floor coverings, the floor covering must be maintained in accordance with the manufacturers instructions to provide suitable protection.
Is the building product/building product line subject to warning or ban under section 26?:	No
	ARDEX BPIS Floor preparation products v3 08.03.24