ARDEX Building Product Information Sheet: Screed Systems

Product name:	ARDEX Screed Systems
Product line (the product line from which the product is customised)	Floor Preparation
Product description and its intended use (measurements, materials, usage)	Screed is a thinner layer of concrete which is typically applied over a base floor to help form a smooth floor coating to provide a strong foundation for the top floor.
Product identifier (if applicable):	11204 – ARDEX A 38 13002 – ARDEX A 48
Place of manufacture:	Overseas
Legal and trading name of the manufacturer(s):	ARDEX Australia Pty
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 Screeding products are used under floor coverings and ARDEX membranes to provide a suitable substrate for coverings to be installed. There is no local or global standards 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 Screeding products are designed to exceed the life expectation of the top covering.
Limitations on the use of the building product:	**For use over concrete only** **Subfloor preparation:** The subfloor must be clean, sound, and structurally stable. Any existing defects, such as cracks or uneven surfaces, must be repaired. **Moisture levels:** The subfloor moisture levels must be below the maximum permissible levels for the type of concrete screed being used. **Temperature**: The subfloor and ambient temperature must be within the recommended range for the type of concrete screed being used. **Expansion joints**: Expansion joints must be provided to allow for movement of the concrete screed due to temperature changes and shrinkage. **Thickness**: The thickness of the concrete screed will depend on a number of factors, including the type of subfloor, the intended use of the area, and the type of concrete screed being used. It is also important to ensure that the concrete screed is mixed and installed in accordance with the manufacturer's instructions. This will help to ensure that the screed is properly cured and that it meets the required performance standards.
Design requirements that would support the use of the building product:	Used to create falls in wet areas and concrete balconies prior to membrane application. Areas with high foot traffic or heavy loads: Ardex A 48 and Ardex A 38 are both high-strength screeds that are suitable for use in areas with high foot traffic or heavy loads, such as commercial kitchens, warehouses, and factories. Areas with underfloor heating: Ardex A 48 and Ardex A 38 are both compatible with underfloor heating systems. Areas with uneven subfloors: Ardex A 48 and Ardex A 38 can be used to level out uneven subfloors, providing a smooth and even surface for the final floor finish. Areas with high moisture levels: Ardex A 48 and Ardex A 38 are both moisture-tolerant screeds, making them suitable for use in areas with high moisture levels, such as bathrooms and basements.
Installation requirements:	Ardex A 38 and Ardex A 48 can be installed over a variety of subfloors, including concrete, timber, and plywood. However, it is important to ensure that the subfloor is properly prepared before installation. For bonded screeds, Ardex A 38 and Ardex A 48 must be applied over a primer. Ardex P 51 is a suitable primer for both screeds. Ardex A 38 and Ardex A 48 can be installed in thicknesses of 20mm to 100mm. The thickness of the screed will depend on a number of factors, including the type of subfloor, the intended use of the area, and the required strength.

	Ardex A 38 and Ardex A 48 must be cured for at least 6 hours before the final floor finish can be installed. It is important to follow the manufacturer's instructions carefully when installing Ardex A 38 or Ardex A 48. This will help to ensure that the screed is properly installed and that it achieves the required performance standards. If you are unsure about any aspect of the installation process, it is always best to consult with a qualified professional.
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
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