ARDEX PMO 593

2C MS Joint Filler

Fast and shrinkage-free curing

Easy sanding and directly paintable

Crack resistant joints during movement

Simple one-step application without tape

Safe for workforce - does not contain isocyanates or solvents

PREFAB
MODULAR
OFFSITE

ARDEX Australia Pty Ltd
2 Buda Way,
Kemps Creek, NSW 2178
Phone: 1300 788 780
Email: technicalservices@ardexaustralia.com
www.ardexaustralia.com

ARDEX New Zealand Ltd
15 Alfred Street, Onehunga Auckland,
New Zealand 1061
Phone: 0800 227 339
Email: info@ardexnz.com
www.ardex.co.nz

ARDEX PMO 593

2C MS Joint Filler

DESCRIPTION

ARDEX PMO 593 is a two-component joint filler for drywall construction based on silane-modified (MS) polymers. ARDEX PMO 593 is specially developed to meet the requirements of prefabrication (prefab/modular construction), the product enables work to be completed more quickly and ensures crack-free performance under movement stresses without the use of reinforcement strips.

FEATURES

- Fast and shrinkage-free curing
- Designed for modular construction
- Easy sanding and directly paintable
- Crack resistant joints during movement
- Simple one-step application without tape
- Safe for workforce - does not contain isocyanates or solvents

SUBSTRATE PREPARATION

The substrate must be stable, clean and free of release agents, old adhesives, emulsion-based paints and coatings, bitumen and all contaminents which may cause adhesion issues. A preliminary test to determine optimal adhesion should be carried out. The system can be applied to different joint geometries, such as tapered or V-shaped joints.

APPLICATION

Before use, ensure that the product has been stored at room temperature for at least 24 hours. ARDEX PMO 593 F can be applied using a suitable cartridge dispenser.

For V-shaped joints or tapered joints, ARDEX PMO 593 F can be applied superficially over the entire joint surface. The application must be carried out in such a way to ensure full surface contact and to avoid air pockets. When applying prior to board installation, the material must be applied to the board edge before the next board is laid. This method of application ensures secure and complete joint filling.

ARDEX PMO 593 F can also be used to fill and level indentations caused by mechanical fixings (e.g. screws, staples, nail heads).

The material remains workable for approx. 20 minutes. Ensure to fill and level the joint within this time to achieve a smooth and uniform surface across the entire joint area.

It is not necessary to insert a reinforcement tape or joint tape when applying ARDEX PMO 593.

SANDING

For a Q2 finish, sand the joint surface the next day using a sanding grit (grit 100–120). A suitable primer must be applied before applying a paint coating.

For a Q3/Q4, sand the joint surface no earlier than 4 hours after application using a sanding grit (grit 100 - 120).

TECHNICAL DATA

CHARACTERISTICS	TEST METHOD	NOMINAL VALUES
Consumption		0.05 - 0.3kg / m
Product Classification	EN 13963	Type A4
Application Temperature		5°C to 30°C
Working Time (@ 23°C / 50% R.H)		20 minutes
Paintable (@ 23°C / 50% R.H)		24hrs
Bending Tensile Strength		1.50 N/mm²
Fire Class (Non-combustible)	EN 13963	A2 - S1,d0

PACKAGING

490ml cartridge

8 x units per carton

CLEANING

Wash all equipment immediately on completion. Cured product may need to be mechanically removed.

SHELF LIFE

ARDEX PMO 593 has a shelf life of 18 months when stored in the original, unopened packaging in a dry place at 23°C and 50% relative humidity.

LIMITATIONS

ARDEX PMO 593 F must not be used at temperatures below 5°C or above +30°C. ARDEX PMO 593 does not require reinforcement or joint tape during application. Product must be stored dry conditions and not exposed to sunlight.

Before any substrate preparation, installation or finishing methods relating to ARDEX product are undertaken, please be aware of any potential risks and use appropriate PPE (personal protective equipment). This may involve contacting substrate manufacturers for Safety Data Sheets.

ARDEX PMO 593

2C MS Joint Filler

SAFETY DATA

Avoid contact with skin and eyes; in case of contact with Toxic if inhaled. Harmful to aquatic life with long lasting effects. Use only outdoors or in a well-ventilated area. Avoid breathing mist/vapours/spray. Avoid release to the environment. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor/physician/first aider. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation. Additional information is in the Safety Data Sheet (SDS) at ardexaustralia.com.

GUARANTEE

ARDEX Australia Pty Ltd ("we" or "us") guarantees this product ("our goods") is free from manufacturing defects and will perform to any applicable specification published by us for 10 years from the date of purchase. Our liability under this guarantee is limited at our option to replacement of the product, repair of any damage to the immediate surface or area of application of the product, or compensation, in each case if we are satisfied loss or damage was due to a breach of this guarantee. This guarantee does not apply if damage or loss is due to failure to follow published instructions or any act or circumstance beyond our control, including shade variations and efflorescence. If you wish to make a claim under this guarantee you must notify us (ARDEX Australia Pty Ltd, 2 Buda Way, Kemps Creek, NSW 2178; Toll Free: 1800 224 070; Email: technicalservices@ ardexaustralia.com) and provide evidence of your purchase of the product within 30 days of any alleged loss or damage occurring. We reserve the right to ask you for satisfactory evidence of any alleged loss or damage. Any claim under this guarantee is at your cost. This guarantee is in addition to any rights or remedies you may have as a "consumer" under the Australian Consumer Law and to that extent you need to be aware that: "Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss of damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure".

DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standards. Our instructions and recommendations are only for the uses they are intended. Users are advised to confirm that this product is suitable for their application and conforms with the specifications of the system. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

© ARDEX Australia Pty Ltd 2026.

All aforementioned products are the trade marks of ARDEX Australia Pty Ltd, its licensors and affiliates.

This data sheet was issued in September 2026 and is valid for 3 years, in some instances a newer version may be published. Always refer to www.ardexaustralia.com for the latest technical data from ARDEX Australia Pty Ltd.