



ALSEAL MARKETING SDN. BHD. (625140-D)

LOT PT 2291, JALAN KAMPUNG BARU, KAMPUNG BARU SUNGAI BULOH,
47000 SUNGAI BULOH, SELANGOR.

TEL: 603-6157 9698, 603-6157 6398

FAX: 603-6157 8002

EMAIL: Info@alsealmarketing.com

WEBSITE: <http://www.alsealmarketing.com>

GST No.: 001625505792

Our reference: 12/I18/LTR/Y318

12th September 2018

Dear Valued Customer / Business Partners,

RE: "ALSEAL" AS-4001 MS Construction Sealant - Product Performance

This is to confirm that the product performance of **"ALSEAL" AS-4001 MS Construction Sealant** has been tested by ISO/IEC 17025 accredited independent third-party testing labs. The following standards were used to test the performance of AS-4001:

Test standard	Description	Report No.
ASTM C920	Standard Specification for Elastomeric Joint Sealants	7191188651- MEC18/A-ED (2191084108)
ISO 11600	Building construction - Jointing products - Classification and requirements for sealants	141414ST140599(3)

Conclusion

AS-4001 is classified as a **Type S** (single-component sealant), **Grade NS** (non-sag sealant), **Class 50** ($\pm 50\%$ movement), Use **NT** (non-traffic), **M** (mortar) according to ASTM C920.

In accordance to ISO 11600, AS-4001 is classified as **F** (construction sealant) **Class 25** (± 25 movement) **LM** (low modulus).

Should you require further information concerning the above product, please do not hesitate to contact us.

Thank you.

Yours sincerely,
For Alseal Marketing Sdn. Bhd.

Prepared by: Yap Wai Hoong
(R&D Chemist)

Verified by: Alex Ng
(Technical Manager)