

(Translation)

Official Emblem

No. 0307/ **13483**

To Forconthai Sealant Co., Ltd.

The Department of Science Service presents the test report for the sample named "FROCON-D YELLOW" Laboratory No. L65/05635.1 as the total of 1 sample with reference to the request No. L65/05635 dated 6 July 2022.

Enclosed herewith the following result avails for your acknowledgement.

Official Seal Affixed
Department of Science Service
7 September 2022

Division of Engineering Materials
Tel. 0 2201 7130
Fax. 0 2201 7127
E-mail : physics@dss.go.th





TEST REPORT

Sample's name
FROCON-D YELLOW

Mark / Brand
FORCON-D

Laboratory No.
L65/05635.1

Test Results

Hardness, Shore A	31
Tensile strength, MPa	0.5
Elongation at break, %	49
Tear strength, kN/m	3.5
Tensile stress at 100% elongation, MPa	-
Heat resistance at 70°C for 21 days	
- Weight loss, %	1.6
- Cracking	No cracks
Peel strength, N/25 mm in width	
- Mortar	22.3
- Aluminium	26.4
Tack free time, minutes	5
Specific Gravity	1.69



Certified correct translation

(Mr. Kanit Japasa)

Director, Division of Engineering Materials

This report is only valid for the sample received. The above statement is not intended for advertising purposes and shall not be partially reproduced or manifested without the written permission from the Department of Science Service.

Department of Science Service, Ministry of Higher Education Science Research and Innovation

Rama VI Road, Ratchathewi, Bangkok 10400, Thailand

Laboratory No. L65/05635.1

Customer's name Forconthai Sealant Co., Ltd.

Customer's address 100/58 Samkhok-Pathamthani Road, Samkhok, Pathumthani 12160

Sample's description White viscous liquid stored in a plastic tube



Test date 18 July – 5 September 2022

Test method

1. Hardness : ASTM C661-15 (2022)
2. Tensile strength and elongation at break : ASTM D412-16, Die C
3. Tensile stress at 100% elongation : ASTM D412-16, Die C
4. Tear strength : ASTM D624-00(2012), Die C
5. Heat resistance: ASTM C1246-17
6. Peel strength : ASTM C794-15a
7. Tack free time : ASTM C679-15
8. Specific gravity : ASTM D1475-13

Remark

1. Test pieces of tensile strength, elongation at break, tensile stress at 100% elongation and tear strength were cured at $(23 \pm 2)^{\circ}\text{C}$, $(50 \pm 10)\%$ RH for 21 days.
2. Tensile stress at 100% elongation cannot be reported due to less than 100 % elongation.

Approved by
(Sgd.) Orawan Pinprayoon
(Miss Orawan Pinprayoon)
Scientist, Senior Professional Level

Reported by
(Sgd.) Pawadee Sriyota
(Miss Pawadee Sriyota)
Scientist

Certified correct translation

(Mr.Kanit Tapasa)

Director, Division of Engineering Materials



This report is only valid for the sample received. The above statement is not intended for advertising purposes and shall not be partially reproduced or manifested without the written permission from the Department of Science Service.

Department of Science Service, Ministry of Higher Education Science Research and Innovation
Rama VI Road, Ratchathewi, Bangkok 10400, Thailand