

TEST CERTIFICATE No.: 5104104702A

Client: Holdfast NZ Ltd
 Order No.: 109599
 Sample Description: Sealant as supplied (as pictured below)
 Identification: As below
 Material Specification: N/A
 Tested in accordance with: WANZ Sealants, Masking Components and Powdercoat Compatibility Standard V12 - 020408 Method 2A and 2B

TEST CONDITIONS:

Solvent cleaning: Yes
 Solvent used: Holdfast Bulldog Aluminium Powdercoat Cleaner
 Actual curing period: 23±3 °C, 50% RH for 32 days
 Instructed curing period: 1 day every 2mm in thickness

Each sample as listed below has been tested separately on two types of Aluminium powdercoat surfaces as supplied by the client.

- | | |
|---|--|
| #1 Fix All 220 sealant grey, Code: 20068 | (Also known as "Toptec MS Sealant") |
| #2 Holdfast SILASEAL Plus Plumbing and Roofing Clear, Code: 19305 | (Also known as "Toptec Industrial Silicone") |
| #3 Holdfast GS, Code: 19328 | (Also known as "Toptec Galvanised Sealer") |
| #4 Toptec Raw Aluminium Protector, Code: 20115 | |

METHOD 2A RESULTS:

Sample ID	Samples cured in air		Samples immersed in water	
	Dulux powdercoat	Azko Nobel powdercoat	Dulux powdercoat	Azko Nobel powdercoat
# 1	Complies	Complies	Complies	Complies
# 2	Complies	Complies	Complies	Complies
# 3	Complies	Complies	Complies	Complies
# 4	Complies	Complies	Complies	Complies

METHOD 2B RESULTS:

Sample ID	Samples cured in air		Samples immersed in water	
	Dulux powdercoat	Azko Nobel powdercoat	Dulux powdercoat	Azko Nobel powdercoat
# 1	Complies	Complies	Complies	Complies
# 2	Complies	Complies	Complies	Complies
# 3	Complies	Complies	Complies	Complies
# 4	Complies	Complies	Complies	Complies

Note: 1. All samples tested complies to Grade C as defined by Clause 8 of Test Method 2A and 2B.

"100% cohesive failure (total adhesion to the substrate surface with no adhesive failure at the substrate/sealant interface.)"

2. Plastic mesh with 1mm width and 5mm spacing was used for Test Method 2B.

Tested by:

N. Woods

Date:

29-Apr-14

Checked by:

L. Kong

Date:

29-Apr-14



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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 14 days only.