



Bucknalls Lane, Garston
Watford, Herts WD25 9BA
Tel: 01923 665300
Fax: 01923 665301
email: clientservices@bba.star.co.uk
website: www.bbacerts.co.uk

BRITISH BOARD OF AGRÉMENT TEST REPORT No 61007 Issue 3

ACRYLIC WATERSTOP

CONTENTS

- i Note on Issue 3 and Interim report
- 1 Report conditions
- 2 Swelling / recovery cycles

Approved By:

David Durrant
(Senior Test Technician)

Date: 21 July 2017

Authorised By:

Stephan Jansen van Vuuren
(Team Manager – Test)

Date: 24 July 2017

On behalf of the British Board of Agrément

Requested by: Ender Birlik
Job No: T1 61007
Work Period: November 2016 – July 2017

i **NOTE ON ISSUE 3**

Issue 3 supersedes Issue 2 and differs from issue 2 of this report by the correction of the client address and work period.

1 **REPORT CONDITIONS**

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2 SWELLING / RECOVERY CYCLES

2.1 Method

The increase in volume was measured when specimens were immersed in tap water at 23°C over a 28 day period. Recovery volume was measured when the specimens were removed from the solution and air dried over a 28 day period. This method was repeated over three cycles.

The percentage change in volume calculations are all based on the initial volume.

2.2 Sample

BBA Ref/Lot	Quantity	Description ⁽¹⁾
T1/61007	1	20 mm roll Selfix Acrylic water stop.

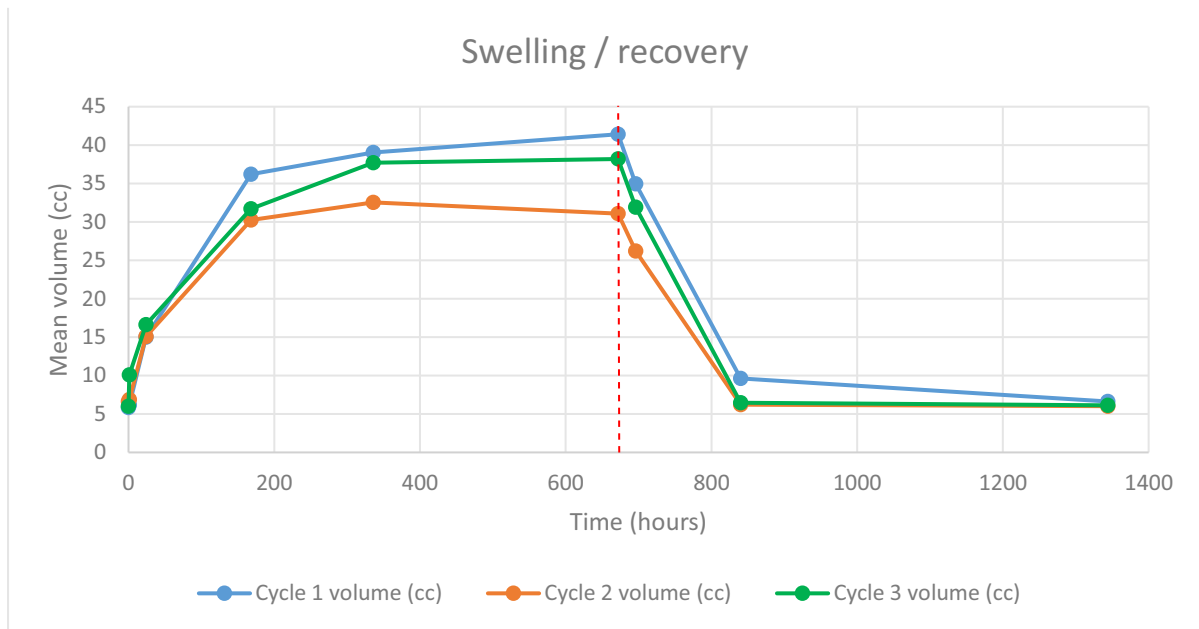
(1) Batch details were not supplied by the client.

2.3 Results

Swelling	Cycle 1		Cycle 2		Cycle 3		Average change (%)
	Mean mass (cc)	Change (%)	Mean mass (cc)	Change (%)	Mean mass (cc)	Change (%)	
Initial	5.84	-	6.64	13.70	6.02	3.08	8.39
1 hour	6.18	5.82	6.88	17.81	10.07	72.43	32.02
1 day	14.99	156.68	15.07	158.05	16.63	184.76	166.50
7 day	36.19	519.69	30.23	417.64	31.69	442.64	459.99
14 day	39.06	568.84	32.54	457.19	37.71	545.72	523.92
28 day	41.41	609.08	31.07	432.02	38.19	553.94	531.68
Recovery	Cycle 1		Cycle 2		Cycle 3		Average change (%)
	Mean mass (cc)	Change (%)	Mean mass (cc)	Change (%)	Mean mass (cc)	Change (%)	
1 day	34.97	498.80	26.22	348.97	31.93	446.75	431.51
7 day	9.63	64.90	6.195	6.08	6.47	10.79	27.25
28 day	6.64	13.70	6.02	3.08	6.14	5.14	7.31

Note: Observations to the samples throughout testing confirms that there was no degradation of the material throughout the duration of the test.

2.3 Results (continued)



Note: The dotted red line indicates the end of the swelling and the start of the recovery cycle.