

Buitink Zeilmakerij Duiven B.V.
t.a.v. S.R. de Vries
Typograaf 1
6921 VB Duiven

Hengelo (ov), 21-12-2017

Test Specimen:	Specimen:	Colour:	Client reference number:
	A.	Blue	Blauw zeildoek – Heavy Duty PVC
	B.	Black	TPU doek zwart – Special TPU
	C.	Light grey	Lichtgrijs zeildoek – Basis PVC

Examination:	Test number:	Test Name:
	1.	Rubber, vulcanized – Determination of the effect of liquids.
	2.	Photo's.

Results See following pages

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Test	: 1. Rubber, vulcanized – Determination of the effects of liquids.
Norm	: ISO 1817 : 2005 ISO 105 A02 : 1993 – Textiles – Tests for colour fastness – Part A02 grey scale for assessing change in colour
Sample size	: 100 mm x 100 mm
Water used	: Distilled water
Water temperature	: Room temperature
Test time	: 1 week and 2 weeks
Test liquids	: Number 1: Steam Cleaner (Dreumex B.V.) – 33 ml liquid dissolved in 990 ml of distilled water. Number 2: Truck Cleaner (Dreumex B.V.) – 13 ml liquid dissolved in 975 ml of distilled water. Number 3: Car Shampoo (Dreumex B.V.) – 3 ml liquid dissolved in 1200 ml of distilled water. Number 4: Alu Cleaner (Dreumex B.V.) – 200 ml liquid dissolved in 1000 ml of distilled water. Number 5: Rims Cleaner (Profichem) – 40 ml liquid dissolved in 1200 ml of distilled water. Number 6: Sanosept 80 H (Vespshop) – 4 ml liquid dissolved in 1000 ml of distilled water. Number 7: Super Truck Alkaline Multi-Cleaner (System123) – 100 ml liquid dissolved in 1000 ml of distilled water. Number 8: Warlock (Vlietwash B.V.) – 20 ml liquid dissolved in 1000 ml of distilled water. Number 9: Insect cleaner (Profichem) – 70 ml liquid dissolved in 1050 ml of distilled water. Number 10: IRM 901 OIL (Smithers Rapra Technology Limited) – 800 ml liquid pure used not dissolved.
Test liquids used in ml	: Half of the dissolved liquid used for immersion.
Judgement Change in colour	: According to standard grey scales numbered from 1 up and including 5 by which: 1 = bad 5 = good
Numerical rating Flexibility	: Descriptive numerical rating code: 1 = strong change 2 = significant change 3 = moderate change 4 = minor change 5 = no change

Specimen:	weight original (gram)
Specimen A without bew.	14.1
Specimen A smeared.	14.5
Specimen B without bew.	9.5
Specimen B smeared.	9.7
Specimen C without bew.	9.1
Specimen C smeared.	9.4

Results test 1 specimen:	A. (without bew.)				
Test liquids:	Number 1.	Number 2.	Number 3.	Number 4.	Number 5.
Change in colour					
<i>Test piece 1 - after 1 week</i>	5	5	5	5	5
<i>Test piece 2 - after 1 week</i>	5	5	5	5	5
<i>Test piece 1 - after 2 weeks</i>	4/5	4/5	4/5	4/5	5
<i>Test piece 2 - after 2 weeks</i>	4/5	4/5	4/5	4/5	5
Size (mm)					
<i>Test piece 1 - after 1 week</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
<i>Test piece 2 - after 1 week</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
<i>Test piece 1 - after 2 weeks</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
<i>Test piece 2 - after 2 weeks</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Weight (gram)					
<i>Test piece 1 - after 1 week</i>	13.9	14.1	14.2	14.2	13.9
<i>Test piece 2 - after 1 week</i>	14.1	14.0	14.1	14.1	14.0
<i>Test piece 1 - after 2 weeks</i>	14.3	14.0	14.2	14.6	14.2
<i>Test piece 2 - after 2 weeks</i>	14.3	14.0	14.2	14.5	14.1
Flexibility					
<i>Test piece 1 - after 1 week</i>	5	5	5	5	5
<i>Test piece 2 - after 1 week</i>	5	5	5	5	5
<i>Test piece 1 - after 2 weeks</i>	4/5	5	5	4/5	5
<i>Test piece 2 - after 2 weeks</i>	4/5	5	5	4/5	5

Remark liquid 1 until 5:

- Change in colour – After one week there is no change in colour.
- Change in colour – After two weeks there is no significant change in colour.
- Change in colour – After two weeks some test pieces change a little bit in colour.
- Size – After one and two weeks there is no change in dimension.
- Weight – After one week there is no significant change in weight.
- Weight – After two weeks there is no significant change in weight.
- Flexibility – After one week there is no significant change in flexibility.
- Flexibility – After two weeks there is no significant change in flexibility.
- Flexibility – After two weeks some test pieces become a little bit softer.

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Results test 1 specimen:	A. (without bew.)				
	Number 6.	Number 7.	Number 8.	Number 9.	Number 10.
Change in colour					
Test piece 1 - after 1 week	5	5	5	5	5
Test piece 2 - after 1 week	4/5	5	5	5	5
Test piece 1 - after 2 weeks	4/5	4/5	4/5	5	5
Test piece 2 - after 2 weeks	5	4/5	4/5	5	5
Size (mm)					
Test piece 1 - after 1 week	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 2 - after 1 week	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 1 - after 2 weeks	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 2 - after 2 weeks	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Weight (gram)					
Test piece 1 - after 1 week	14.0	14.3	14.4	14.4	14.4
Test piece 2 - after 1 week	14.1	14.3	14.2	14.3	14.4
Test piece 1 - after 2 weeks	14.3	13.9	14.0	14.3	14.2
Test piece 2 - after 2 weeks	14.3	14.1	14.0	14.2	14.3
Flexibility					
Test piece 1 - after 1 week	5	5	5	5	3/4
Test piece 2 - after 1 week	5	5	5	5	3/4
Test piece 1 - after 2 weeks	5	5	4	5	3/4
Test piece 2 - after 2 weeks	5	5	4	5	3/4

Remark liquid 6 until 9:

Change in colour – After one week there is no change in colour.
 Change in colour – After two weeks there is no significant change in colour.
 Change in colour – After two weeks some test pieces change a little bit in colour.
 Size – After one and two weeks there is no change in dimension.
 Weight – After one week there is no significant change in weight.
 Weight – After two weeks there is no significant change in weight.
 Flexibility – After one week there is no change in flexibility.
 Flexibility liquid 6,7 and 9– After two weeks there is no change in flexibility.
 Flexibility liquid 8– After two weeks there is change in flexibility.
 Flexibility – After two weeks some test pieces become a little bit softer.

Remark liquid 10

Change in colour – After one week there is no change in colour.
 Change in colour – After two weeks there is no change in colour.
 Size – After one and two weeks there is no change in dimension.
 Weight – After one week there is no significant change in weight.
 Weight – After two weeks there is no significant change in weight.
 Flexibility – After one week test pieces becomes stiffer.
 Flexibility – After two weeks test pieces becomes stiffer.

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Results test 1 specimen:	A. (smeared)				
	Number 1.	Number 2.	Number 3.	Number 4.	Number 5.
Test liquids:					
Change in colour					
<i>Test piece 1 - after 1 week</i>	5	5	5	5	5
<i>Test piece 2 - after 1 week</i>	5	5	5	5	5
<i>Test piece 1 - after 2 weeks</i>	4/5	4/5	4/5	4/5	5
<i>Test piece 2 - after 2 weeks</i>	4/5	4/5	4/5	4/5	5
Size (mm)					
<i>Test piece 1 - after 1 week</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
<i>Test piece 2 - after 1 week</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
<i>Test piece 1 - after 2 weeks</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
<i>Test piece 2 - after 2 weeks</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Weight (gram)					
<i>Test piece 1 - after 1 week</i>	14.5	14.9	14.6	14.9	14.5
<i>Test piece 2 - after 1 week</i>	14.3	14.8	14.6	14.9	14.8
<i>Test piece 1 - after 2 weeks</i>	14.7	14.9	14.8	14.8	14.8
<i>Test piece 2 - after 2 weeks</i>	14.2	14.8	14.7	14.7	14.8
Flexibility					
<i>Test piece 1 - after 1 week</i>	5	5	5	5	5
<i>Test piece 2 - after 1 week</i>	5	5	5	5	5
<i>Test piece 1 - after 2 weeks</i>	4/5	5	5	5	4/5
<i>Test piece 2 - after 2 weeks</i>	4/5	5	5	5	4/5

Remark liquid 1 until 5:

Change in colour – After one week there is no change in colour.
 Change in colour – After two weeks there is no significant change in colour.
 Change in colour – After two weeks some test pieces change a little bit in colour.
 Size – After one and two weeks there is no change in dimension.
 Weight – After one week there is no significant change in weight.
 Weight – After two weeks there is no significant change in weight.
 Flexibility – After one week there is no change in flexibility.
 Flexibility – After two weeks there is no significant change in flexibility.
 Flexibility – After two weeks some test pieces become a little bit softer.



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Results test 1 specimen:	A. (smeared)				
Test liquids:	Number 6.	Number 7.	Number 8.	Number 9.	Number 10.
Change in colour					
<i>Test piece 1 - after 1 week</i>	5	5	5	5	5
<i>Test piece 2 - after 1 week</i>	5	5	5	5	5
<i>Test piece 1 - after 2 weeks</i>	5	5	4/5	5	4/5
<i>Test piece 2 - after 2 weeks</i>	5	5	4/5	5	4/5
Size (mm)					
<i>Test piece 1 - after 1 week</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
<i>Test piece 2 - after 1 week</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
<i>Test piece 1 - after 2 weeks</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
<i>Test piece 2 - after 2 weeks</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Weight (gram)					
<i>Test piece 1 - after 1 week</i>	14.8	14.9	14.7	14.7	14.3
<i>Test piece 2 - after 1 week</i>	14.3	14.5	14.8	14.7	14.5
<i>Test piece 1 - after 2 weeks</i>	14.3	14.9	14.7	14.4	14.3
<i>Test piece 2 - after 2 weeks</i>	14.3	14.7	14.7	14.7	14.4
Flexibility					
<i>Test piece 1 - after 1 week</i>	5	5	5	5	3/4
<i>Test piece 2 - after 1 week</i>	5	5	5	5	3/4
<i>Test piece 1 - after 2 weeks</i>	5	5	4	4/5	3/4
<i>Test piece 2 - after 2 weeks</i>	5	5	4	4/5	3/4

Remark liquid 6 until 9:

Change in colour – After one week there is no change in colour.
 Change in colour – After two weeks some test pieces change a little bit in colour.
 Size – After one and two weeks there is no change in dimension.
 Weight – After one week there is no significant change in weight.
 Weight – After two weeks there is no significant change in weight.
 Flexibility – After one week there is no change in flexibility.
 Flexibility liquid 6,7 and 9 – After two weeks there is no significant change in flexibility.
 Flexibility liquid 8 – After two weeks there is change in flexibility.
 Flexibility – After two weeks some test pieces become a little bit softer.

Remark liquid 10

Change in colour – After one week there is no change in colour.
 Change in colour – After two weeks there is no significant change in colour.
 Change in colour – After two weeks some test pieces change a little bit in colour.
 Size – After one and two weeks there is no change in dimension.
 Weight – After one week there is no significant change in weight.
 Weight – After two weeks there is no significant change in weight.
 Flexibility – After one week test pieces becomes stiffer.
 Flexibility – After two weeks test pieces becomes stiffer.

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Results test 1 specimen:	B. (without bew.)				
Test liquids:	Number 1.	Number 2.	Number 3.	Number 4.	Number 5.
Change in colour					
Test piece 1 - after 1 week	5	5	5	5	5
Test piece 2 - after 1 week	5	5	5	5	5
Test piece 1 - after 2 weeks	4/5	4/5	4/5	4/5	4/5
Test piece 2 - after 2 weeks	4/5	4/5	4/5	4/5	4/5
Size (mm)					
Test piece 1 - after 1 week	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 2 - after 1 week	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 1 - after 2 weeks	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 2 - after 2 weeks	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Weight (gram)					
Test piece 1 - after 1 week	9.5	9.5	9.5	9.6	9.5
Test piece 2 - after 1 week	9.5	9.5	9.5	9.6	9.5
Test piece 1 - after 2 weeks	9.6	9.6	9.3	9.5	9.5
Test piece 2 - after 2 weeks	9.5	9.6	9.4	9.6	9.6
Flexibility					
Test piece 1 - after 1 week	4	4	4	4	4
Test piece 2 - after 1 week	4	4	4	4	4
Test piece 1 - after 2 weeks	4	4	4	4	4
Test piece 2 - after 2 weeks	4	4	4	4	4

Remark liquid 1 until 5:

Change in colour – After one week there is no change in colour.

Change in colour – After two weeks there is no significant change in colour.

Change in colour – After two weeks some test pieces change a little bit in colour.

Size – After one and two weeks there is no change in dimension.

Weight – After one week there is no significant change in weight.

Weight – After two weeks there is no significant change in weight.

Flexibility – After one week there is change in flexibility.

Flexibility – After two weeks there is change in flexibility.

Flexibility – After one and two weeks test pieces become a little bit softer.

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Results test 1 specimen:	B. (without bew.)				
Test liquids:	Number 6.	Number 7.	Number 8.	Number 9.	Number 10.
Change in colour					
Test piece 1 - after 1 week	5	5	5	5	5
Test piece 2 - after 1 week	5	5	5	5	4/5
Test piece 1 - after 2 weeks	4/5	4/5	4/5	4/5	4/5
Test piece 2 - after 2 weeks	4/5	4/5	4/5	4/5	4/5
Size (mm)					
Test piece 1 - after 1 week	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 2 - after 1 week	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 1 - after 2 weeks	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 2 - after 2 weeks	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Weight (gram)					
Test piece 1 - after 1 week	9.5	9.5	9.5	9.4	9.7
Test piece 2 - after 1 week	9.6	9.5	9.5	9.5	9.7
Test piece 1 - after 2 weeks	9.4	9.4	9.5	9.4	9.9
Test piece 2 - after 2 weeks	9.4	9.6	9.5	9.5	9.9
Flexibility					
Test piece 1 - after 1 week	4	5	4	5	5
Test piece 2 - after 1 week	4	5	4	5	5
Test piece 1 - after 2 weeks	4	4	4	4/5	4/5
Test piece 2 - after 2 weeks	4	4	4	4/5	4/5

Remark liquid 6 until 9:

Change in colour – After one week there is no change in colour.
 Change in colour – After two weeks there is no significant change in colour.
 Change in colour – After two weeks test pieces change a little bit in colour.
 Size – After one and two weeks there is no change in dimension.
 Weight – After one week there is no significant change in weight.
 Weight – After two weeks there is no significant change in weight.
 Flexibility liquid 6 and 8 – After one week there is change in flexibility.
 Flexibility liquid 7 and 9 – After one week there is no significant change in flexibility.
 Flexibility – After two weeks there is change in flexibility.
 Flexibility – After one and two weeks some test pieces become a softer.

Remark liquid 10

Change in colour – After one week there is no change in colour.
 Change in colour – After two weeks there is no significant change in colour.
 Change in colour – After two weeks some test pieces change a little bit in colour.
 Size – After one and two weeks there is no change in dimension.
 Weight – After one week there is no significant change in weight.
 Weight – After two weeks there is change in weight.
 Flexibility – After one week there is no change in flexibility.
 Flexibility – After two weeks test pieces becomes a little bit stiffer.

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Results test 1 specimen:	B. (smeared)				
	Number 1.	Number 2.	Number 3.	Number 4.	Number 5.
Test liquids:					
Change in colour					
<i>Test piece 1 - after 1 week</i>	5	5	5	5	5
<i>Test piece 2 - after 1 week</i>	5	5	5	5	5
<i>Test piece 1 - after 2 weeks</i>	4/5	4/5	4/5	5	5
<i>Test piece 2 - after 2 weeks</i>	4/5	4/5	4/5	5	5
Size (mm)					
<i>Test piece 1 - after 1 week</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
<i>Test piece 2 - after 1 week</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
<i>Test piece 1 - after 2 weeks</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
<i>Test piece 2 - after 2 weeks</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Weight (gram)					
<i>Test piece 1 - after 1 week</i>	9.8	9.8	9.6	9.9	9.8
<i>Test piece 2 - after 1 week</i>	9.8	9.9	9.7	9.9	9.9
<i>Test piece 1 - after 2 weeks</i>	9.7	9.9	9.7	9.8	9.7
<i>Test piece 2 - after 2 weeks</i>	9.8	9.8	9.7	9.8	9.8
Flexibility					
<i>Test piece 1 - after 1 week</i>	4	4	4	4	4
<i>Test piece 2 - after 1 week</i>	4	4	4	4	4
<i>Test piece 1 - after 2 weeks</i>	4	4	4	4	4
<i>Test piece 2 - after 2 weeks</i>	4	4	4	4	4

Remark liquid 1 until 5:

Change in colour – After one week there is no change in colour.
 Change in colour – After two weeks there is no significant change in colour.
 Change in colour – After two weeks some test pieces change a little bit in colour.
 Size – After one and two weeks there is no change in dimension.
 Weight – After one week there is no significant change in weight.
 Weight – After two weeks there is no significant change in weight.
 Flexibility – After one week there is change in flexibility.
 Flexibility – After two weeks there is change in flexibility.
 Flexibility – After one and two weeks test pieces become a little bit softer.

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Results test 1 specimen:	B. (smeared)				
Test liquids:	Number 6.	Number 7.	Number 8.	Number 9.	Number 10.
Change in colour					
<i>Test piece 1 - after 1 week</i>	5	5	5	5	5
<i>Test piece 2 - after 1 week</i>	5	5	5	5	5
<i>Test piece 1 - after 2 weeks</i>	5	5	5	5	5
<i>Test piece 2 - after 2 weeks</i>	5	5	5	5	5
Size (mm)					
<i>Test piece 1 - after 1 week</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
<i>Test piece 2 - after 1 week</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
<i>Test piece 1 - after 2 weeks</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
<i>Test piece 2 - after 2 weeks</i>	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Weight (gram)					
<i>Test piece 1 - after 1 week</i>	9.7	9.9	9.7	9.8	9.6
<i>Test piece 2 - after 1 week</i>	9.8	9.8	9.8	9.7	9.6
<i>Test piece 1 - after 2 weeks</i>	9.8	9.8	9.6	9.8	9.6
<i>Test piece 2 - after 2 weeks</i>	9.8	9.8	9.8	9.8	9.7
Flexibility					
<i>Test piece 1 - after 1 week</i>	4	5	4	4	5
<i>Test piece 2 - after 1 week</i>	4	5	4	4	5
<i>Test piece 1 - after 2 weeks</i>	4	4	4	4	4/5
<i>Test piece 2 - after 2 weeks</i>	4	4	4	4	4/5

Remark liquid 6 until 9:

Change in colour – After one week there is no change in colour.
 Change in colour – After two weeks there is no change in colour.
 Size – After one and two weeks there is no change in dimension.
 Weight – After one week there is no significant change in weight.
 Weight – After two weeks there is no significant change in weight.
 Flexibility liquid 6, 8 and 9 – After one week there is change in flexibility.
 Flexibility liquid 7 – After one week there is no change in flexibility.
 Flexibility – After two weeks there is change in flexibility.
 Flexibility – After one and two weeks the test pieces become softer.

Remark liquid 10

Change in colour – After one week there is no change in colour.
 Change in colour – After two weeks there is no change in colour.
 Size – After one and two weeks there is no change in dimension.
 Weight – After one week there is no significant change in weight.
 Weight – After two weeks there is no significant change in weight.
 Flexibility – After one week there is no change in flexibility.
 Flexibility – After two weeks test pieces becomes a little bit stiffer.

Results test 1 specimen:	C. (without bew.)				
Test liquids:	Number 1.	Number 2.	Number 3.	Number 4.	Number 5.
Change in colour					
Test piece 1 - after 1 week	4	4/5	4	4/5	4/5
Test piece 2 - after 1 week	4	4/5	4	4/5	4/5
Test piece 1 - after 2 weeks	4	3/4	4	4	4
Test piece 2 - after 2 weeks	4	4	4	4	4
Size (mm)					
Test piece 1 - after 1 week	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 2 - after 1 week	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 1 - after 2 weeks	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 2 - after 2 weeks	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Weight (gram)					
Test piece 1 - after 1 week	8.9	9.0	8.9	9.0	8.9
Test piece 2 - after 1 week	8.9	8.9	8.9	9.0	8.9
Test piece 1 - after 2 weeks	9.0	9.0	9.0	9.1	9.0
Test piece 2 - after 2 weeks	9.0	8.9	9.0	9.0	9.0
Flexibility					
Test piece 1 - after 1 week	5	4	4	4	5
Test piece 2 - after 1 week	5	4	4	4	5
Test piece 1 - after 2 weeks	5	4	4	4	4
Test piece 2 - after 2 weeks	5	4	4	4	4

Remark liquid 1 until 5:

Change in colour – After one week there is change in colour.

Change in colour – After two weeks there is change in colour.

Change in colour – immersion in the liquid numbers: 1, 2, 3, 4 and 5 the test pieces have a light spot in the middle after 1 week and after 2 weeks (see photo on page 18) but this light spot disappears slightly after a while.

Size – After one and two weeks there is no change in dimension.

Weight – After one week there is no significant change in weight.

Weight – After two weeks there is no significant change in weight.

Flexibility liquid 2,3 and 4 – After one week there is change in flexibility.

Flexibility liquid 1 and 5 – After one week there is no change in flexibility.

Flexibility liquid 2,3, 4 and 5 – After two weeks there is change in flexibility.

Flexibility liquid 1 – After two weeks there is no change in flexibility.

Flexibility – After one and two weeks test pieces become a little bit softer.

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 Chamber of commerce: 08096059, VAT no.: 0100.03.983 B.01, Bank account: BIC:SWIFT, SNSB NL2A, IBAN: NL6254530807446167

Results test 1 specimen:	C. (without bew.)				
Test liquids:	Number 6.	Number 7.	Number 8.	Number 9.	Number 10.
Change in colour					
Test piece 1 - after 1 week	4	3/4	3/4	3/4	5
Test piece 2 - after 1 week	4	3/4	4	4	5
Test piece 1 - after 2 weeks	4	3/4	4	3/4	5
Test piece 2 - after 2 weeks	3/4	4	4	4	5
Size (mm)					
Test piece 1 - after 1 week	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 2 - after 1 week	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 1 - after 2 weeks	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 2 - after 2 weeks	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Weight (gram)					
Test piece 1 - after 1 week	8.9	9.0	8.9	9.0	8.8
Test piece 2 - after 1 week	8.9	9.0	8.9	8.8	8.9
Test piece 1 - after 2 weeks	9.0	9.1	9.0	8.9	8.8
Test piece 2 - after 2 weeks	9.0	9.0	8.9	8.9	8.7
Flexibility					
Test piece 1 - after 1 week	5	4	5	5	4
Test piece 2 - after 1 week	5	4	5	5	4
Test piece 1 - after 2 weeks	4	4	4	4	3/4
Test piece 2 - after 2 weeks	4	4	4	4	3/4

Remark liquid 6 until 9:

Change in colour – After one week there is change in colour.

Change in colour – After two weeks there is change in colour.

Change in colour – immersion in the liquid numbers: 6, 7, 8 and 9 the test pieces have a light spot in the middle after 1 week and after 2 weeks (see photo on page 18) but this light spot disappears slightly after a while.

Size – After one and two weeks there is no change in dimension.

Weight – After one week there is no significant change in weight.

Weight – After two weeks there is no significant change in weight.

Flexibility liquid 6, 8 and 9 – After one week there is no change in flexibility.

Flexibility liquid 7 – After one week there is change in flexibility.

Flexibility – After two weeks there is change in flexibility.

Flexibility – After two weeks some test pieces become a softer.

Remark liquid 10

Change in colour – After one week there is no change in colour.

Change in colour – After two weeks there is no change in colour.

Size – After one and two weeks there is no change in dimension.

Weight – After one week there is no significant change in weight.

Weight – After two weeks there is no significant change in weight.

Flexibility – After one and two week(s) there is change in flexibility.

Flexibility – After one and two weeks test pieces becomes a little bit stiffer.

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 Chamber of Commerce: 03098059, VAT no.: B110.03.943, B.O.T. Bank account: BIC:SWIFT, SNSBNI 2A, IBAFy, NL62SNSB0907446162

Results test 1 specimen:	C. (smeared)				
	Number 1.	Number 2.	Number 3.	Number 4.	Number 5.
Test liquids:					
Change in colour					
Test piece 1 - after 1 week	4	4	4	4	4
Test piece 2 - after 1 week	4	4	4	4/5	4
Test piece 1 - after 2 weeks	4	4	4	4/5	4
Test piece 2 - after 2 weeks	4	3/4	4/5	4/5	4/5
Size (mm)					
Test piece 1 - after 1 week	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 2 - after 1 week	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 1 - after 2 weeks	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 2 - after 2 weeks	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Weight (gram)					
Test piece 1 - after 1 week	9.2	9.4	9.4	9.4	9.3
Test piece 2 - after 1 week	9.4	9.3	9.3	9.3	9.1
Test piece 1 - after 2 weeks	9.5	9.5	9.2	9.4	9.5
Test piece 2 - after 2 weeks	9.6	9.5	9.3	9.5	9.3
Flexibility					
Test piece 1 - after 1 week	4	4	4	4	5
Test piece 2 - after 1 week	4	4	4	4	5
Test piece 1 - after 2 weeks	4	3/4	4	3/4	4
Test piece 2 - after 2 weeks	4	3/4	4	3/4	4

Remark liquid 1 until 5:

Change in colour – After one week there is change in colour.

Change in colour – After two weeks there is change in colour.

Change in colour – immersion in the liquid numbers: 1, 2, 3, 4 and 5 the test pieces have a light spot in the middle after 1 week and after 2 weeks (see photo on page 18) but this light spot disappears slightly after a while.

Size – After one and two weeks there is no change in dimension.

Weight – After one week there is no significant change in weight.

Weight – After two weeks there is no significant change in weight.

Flexibility liquid 1,2,3 and 4 – After one week there is change in flexibility.

Flexibility liquid 5 – After one week there is no change in flexibility.

Flexibility liquid – After two weeks there is change in flexibility.

Flexibility – After one and two weeks test pieces become a little bit softer.

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 Chamber of Commerce: 08098652, VAT no: B100.03.983.B.01, Bank account: BIC/SWIFT: SNSBNL2A, IBAN: NL62SN5B090746167

Results test 1 specimen:	C. (smeared)				
	Number 6.	Number 7.	Number 8.	Number 9.	Number 10.
Change in colour					
Test piece 1 - after 1 week	4	4	4	3/4	5
Test piece 2 - after 1 week	4	4	4	3/4	5
Test piece 1 - after 2 weeks	3/4	4	4	3/4	5
Test piece 2 - after 2 weeks	3/4	3/4	4	3/4	5
Size (mm)					
Test piece 1 - after 1 week	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 2 - after 1 week	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 1 - after 2 weeks	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Test piece 2 - after 2 weeks	100 x 100	100 x 100	100 x 100	100 x 100	100 x 100
Weight (gram)					
Test piece 1 - after 1 week	9.1	9.5	9.2	9.6	8.73
Test piece 2 - after 1 week	9.3	9.6	9.5	9.5	9.00
Test piece 1 - after 2 weeks	9.3	9.5	9.4	9.6	8.73
Test piece 2 - after 2 weeks	9.4	9.6	9.2	9.6	8.68
Flexibility					
Test piece 1 - after 1 week	5	3/4	5	3/4	4
Test piece 2 - after 1 week	5	3/4	5	3/4	4
Test piece 1 - after 2 weeks	4	3/4	4	3/4	3/4
Test piece 2 - after 2 weeks	4	3/4	4	3/4	3/4

Remark liquid 6 until 9:

Change in colour – After one week there is change in colour.

Change in colour – After two weeks there is change in colour.

Change in colour – immersion in the liquid numbers: 6, 7, 8 and 9 the test pieces have a light spot in the middle after 1 week and after 2 weeks (see photo on page 18) but this light spot disappears slightly after a while.

Size – After one and two weeks there is no change in dimension.

Weight – After one week there is no significant change in weight.

Weight – After two weeks there is no significant change in weight.

Flexibility liquid 6 and 8 – After one week there is no change in flexibility.

Flexibility liquid 7 and 9 – After one week there is change in flexibility.

Flexibility – After two weeks there is change in flexibility.

Flexibility – After one and two weeks test pieces become a softer.

Remark liquid 10

Change in colour – After one week there is no change in colour.

Change in colour – After two weeks there is no change in colour.

Size – After one and two weeks there is no change in dimension.

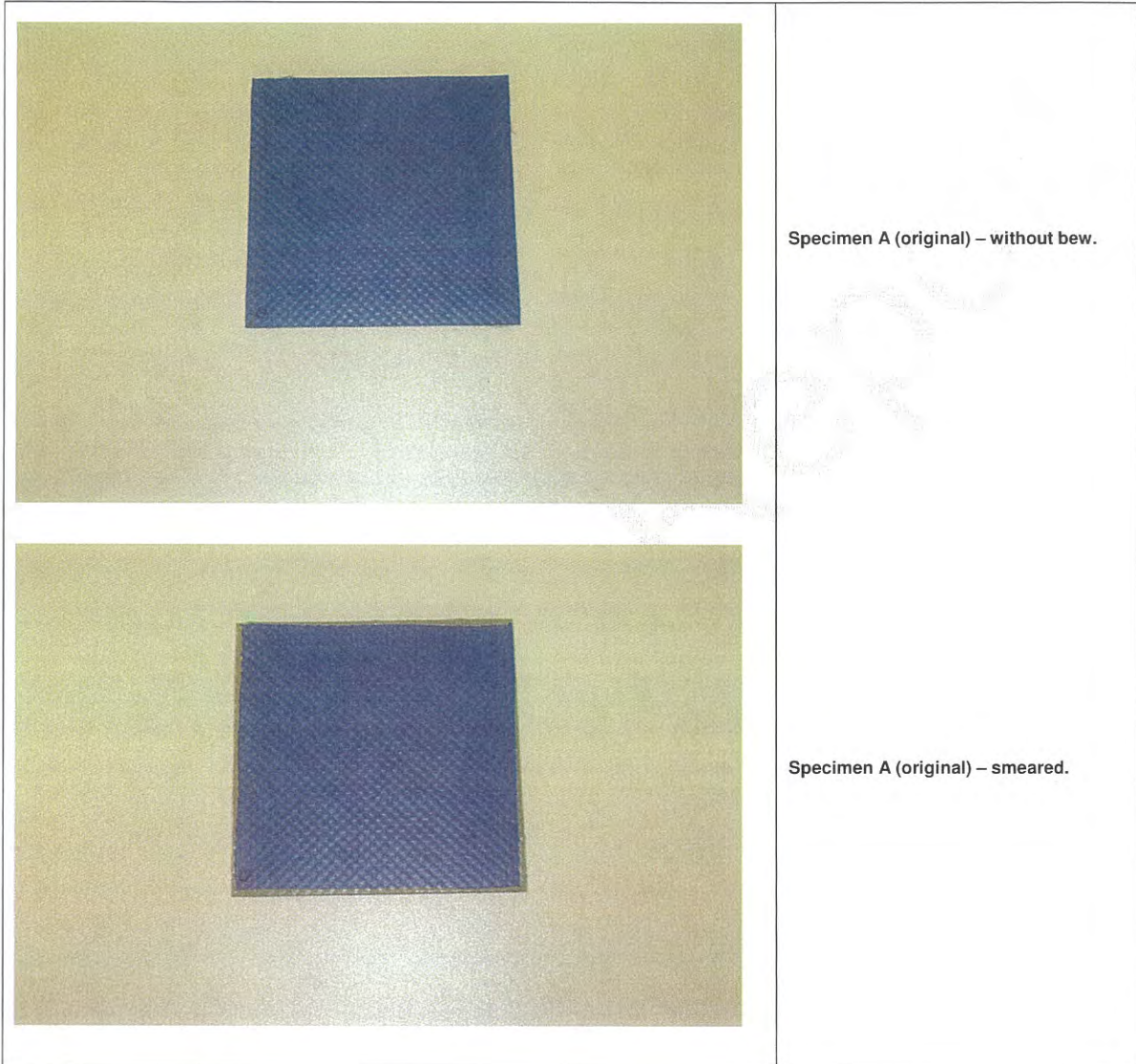
Weight – After one week there is change in weight.

Weight – After two weeks there is change in weight.

Flexibility – After one and two week(s) there is change in flexibility.

Flexibility – After one and two weeks test pieces becomes a little bit stiffer.

2. Photo.



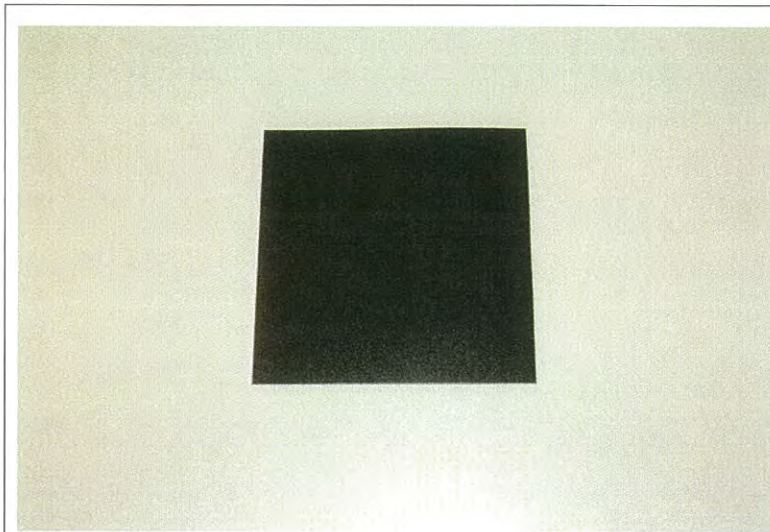
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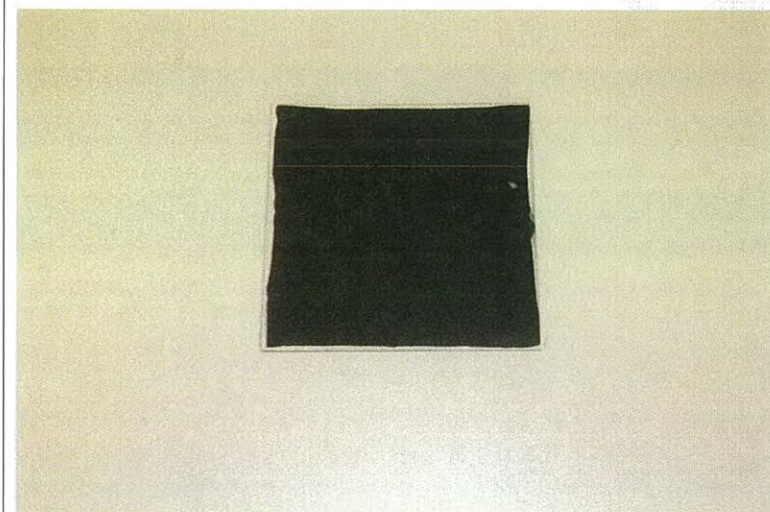
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Specimen B (original) – without seam.



Specimen B (original) – seamed.

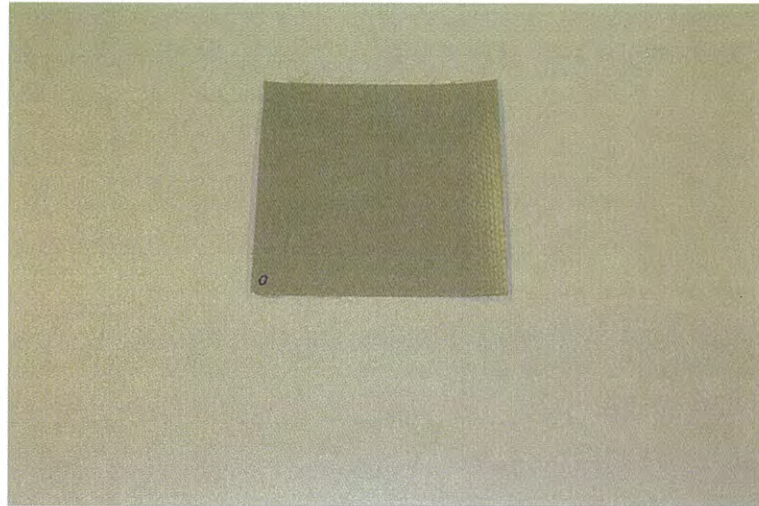
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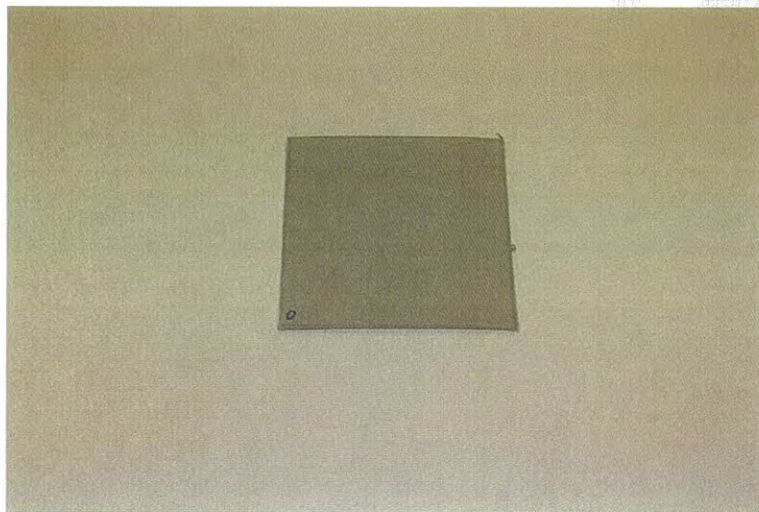
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Specimen C (original) – without beew.



Specimen C (original) – smeared.

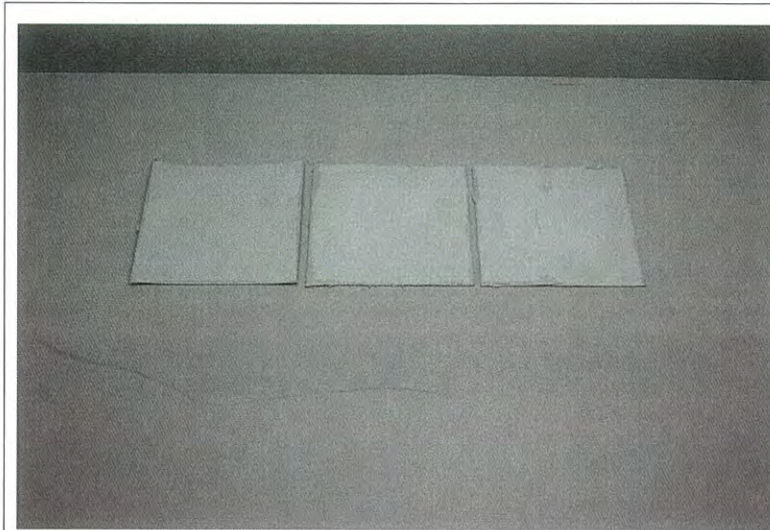
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Specimen C – light spot in the middle.

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