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February 26, 2007

Armourcoat Ltd.
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Att: **Mr. Shawn Tweedy**
Product Development Manager

Re: **DL-15126**
Via FAX +44 (0)1732 450 930

OBJECTIVE

To determine the scrub resistance properties of four interior surface coating systems.

PRODUCTS TESTED

The following five Armourcoat coatings, comprising the four coating systems were submitted for testing by Armourcoat, Ltd.

BaseColor Matt Y2981, Lot: a310706-01

Escenta 01, Lot: A090906-01

BaseColor Matt, Lot: A310706-01

Perlata PLS, Lot: A270806-07

Armourcoat ClearSeal Gloss, Lot: F524162

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PROCEDURES

The four interior surface coating systems were identified and applied per manufacturers' instructions as follows:

Escenta:

1. Draw down a 100 μ wet film of **BaseColor Matt Y2981** and allow for a minimum of 8 hours drying time.
2. Brush apply **Escenta 01** at approximately 10m/lit to evenly distribute the flecks across the application area. Allow 20 minutes drying time after which the finish is smoothed with supplied blade.

Escenta & ClearSeal Gloss:

1. Draw down a 100 μ wet film of **BaseColor Matt Y2981** and allow for a minimum of 8 hours drying time.
2. Brush apply **Escenta 01** at approximately 10m/lit to evenly distribute the flecks across the application area. Allow 20 minutes drying time after which the finish is smoothed with supplied Armourcoat plastic smoothing blade. Allow for a minimum of 8 hours drying time.
3. Draw down a 100 μ wet film of **Armourcoat ClearSeal Gloss**.

Perlata:

1. Draw down a 100 μ wet film of **BaseColor Matt** and allow for a minimum of 8 hours drying time.
2. Draw down a 200 μ wet film of **Perlata PLS**.

Perlata & ClearSeal Gloss:

1. Draw down a 100 μ wet film of **BaseColor Matt** and allow for a minimum of 8 hours drying time.
2. 200 μ wet draw down of Perlata PLS – allow for a minimum of 8 hours drying time.
3. 100 μ wet draw down of **Armourcoat ClearSeal Gloss**.

The four interior surface coating systems were all allowed to dry seven days at standard conditions before testing in accordance with procedures outlined in ASTM D 2486, "Standard Test Method for Scrub Resistance of Wall Paints", Method A.



TEST RESULTS

The four interior surface coating systems exhibited the following scrub resistance properties.

<i>Escenta</i>	605 cycles
<i>Escenta & ClearSeal Gloss</i>	920 cycles
<i>Perlata</i>	1075 cycles
<i>Perlata & ClearSeal Gloss</i>	1925 cycles

CONCLUSIONS

1. The **Clear Seal Gloss** improved the scrub resistance of the underlying coatings.
2. The **Perlata** interior coating system with and without the **Clear Seal Gloss** finish exhibited the best scrub resistance property.

DL Labs, Inc.

A handwritten signature in black ink, appearing to read 'Mario Lazaro, Jr.'.

Mario Lazaro, Jr.
Assistant Technical Director

cc. T. J. Sliva