



**TEST CERTIFICATE**

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/1  
Sample No. WSP16-31495/1  
Report Date: 19/12/2016

**Introduction:** As per the request received from **M/s. Jotun Paints** on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.

**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK

**SCRUB RESISTANCE**

Test Method: EN ISO 11998:2006

| Test             | Result  |
|------------------|---|
| Scrub Resistance | Class 1 (1.95 µm & 2.10 µm film thickness loss) |

**Ratings**

|         |   |
|---------|---|
| Class 1 | <5 µm at 200 scrub cycles               |
| Class 2 | ≥ 5 µm and < 20 µm at 200 scrub cycles  |
| Class 3 | ≥ 20 µm and < 70 µm at 200 scrub cycles |
| Class 4 | < 70 µm at 40 scrub cycles              |
| Class 5 | ≥ 70µm at 40 scrub cycles               |

**Remarks:** The above test was witnessed by wimpey laboratory representative at JOTUN laboratory.

Signed for and on behalf of Wimpey Laboratories

**Binu K.Babu**  
Technical Manager

Test results relate only to the samples tested

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## TEST CERTIFICATE

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/2  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from **M/s. Jotun Paints** on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.

**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK

### SCRUB RESISTANCE

Test Method: ASTM D2486

| Test                         | Result                       |
|------------------------------|------------------------------|
| Scrub Resistance (with shim) | Sample failed at 1200 cycles |

**Remarks:** The above test was witnessed by wimpey laboratory representative at JOTUN laboratory.

**Signed for and on behalf of Wimpey Laboratories**

  
**Binu K. Babu**  
**Technical Manager**

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## TEST CERTIFICATE

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/3  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from M/s. Jotun Paints on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.

**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK


### SCRUB RESISTANCE

Test Method: DIN 53778

| Test             | Result                                   |
|------------------|--|
| Scrub Resistance | Passed 25,000 cycles without any failure |

**Remarks:** The above test was witnessed by wimpey laboratory representative at JOTUN laboratory.

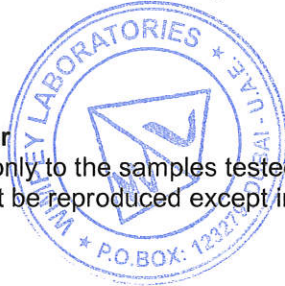
Signed for and on behalf of Wimpey Laboratories

  
**Binu K.Babu**  
**Technical Manager**

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**TEST CERTIFICATE**

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/4  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from **M/s. Jotun Paints** on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.

**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK

**BURNISH RESISTANCE**

Test Method: ASTM D6736-08

| Test |              | Results |
|------|--------------|---------|
| 60°  | Initial      | 14      |
|      | Final        | 15.1    |
|      | Gloss Change | 1.1     |
| 85°  | Initial      | 24.6    |
|      | Final        | 26.1    |
|      | Gloss Change | 1.5     |

**Remarks:** The above test was witnessed by wimpey laboratory representative at JOTUN laboratory.

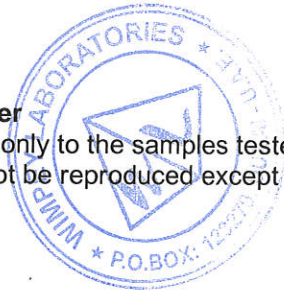
**Signed for and on behalf of Wimpey Laboratories**

**Binu K.Babu**

**Technical Manager**

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## TEST CERTIFICATE

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/5  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from M/s. Jotun Paints on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.

**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK

### POLISH RESISTANCE TEST

Test Method: In House Procedure

| Test |              | Results |
|------|--------------|---------|
| 60°  | Initial      | 14.2    |
|      | Final        | 14.3    |
|      | Gloss Change | 0.1     |
| 85°  | Initial      | 23.7    |
|      | Final        | 25.8    |
|      | Gloss Change | 2.1     |

**Remarks:** The above test was witnessed by wimpey laboratory representative at JOTUN laboratory.

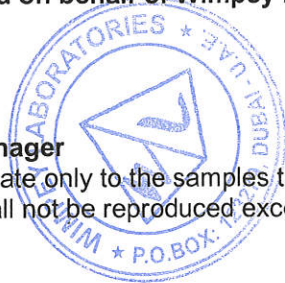
Signed for and on behalf of Wimpey Laboratories

  
**Binu K. Babu**  
**Technical Manager**

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**TEST CERTIFICATE**

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/6  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from **M/s. Jotun Paints** on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.

**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK

**EASYSKIN / WASHABILITY TEST / STAIN REMOVAL**

Test Method: ASTM D4828

| Test         | Observation Rating* |
|--------------|---------------------|
| Sketch Pen   | 1                   |
| Black Tea    | 1                   |
| Black Coffee | 1                   |
| Red Wine     | 0                   |
| Ketchup      | 0                   |
| Mayonaise    | 0                   |
| Highlighter  | 0                   |
| Crayon       | 2                   |
| 2B Pencil    | 0                   |
| Kid's Stamp  | 0                   |
| Color Pencil | 0                   |
| Water Color  | 0                   |

**Rating\***

|   |   |
|---|---|
| 0 | Stain is removed, No trace of visual spots left |
| 1 | Minor traces of stain visible                   |
| 2 | Visible Stain                                   |

**Remarks:** The above test was witnessed by wimpey laboratory representative at JOTUN laboratory.

**Signed for and on behalf of Wimpey Laboratories**

**Binu K. Babu**  
Technical Manager

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**TEST CERTIFICATE**

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/7  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from **M/s. Jotun Paints** on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.

**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK

**STAIN PENETRATION**

Test Method: IN HOUSE TEST METHOD

|              | Observation Rating* |
|--------------|---------------------|
| Black Tea    | 0                   |
| Black Coffee | 0                   |
| Red Wine     | 0                   |

**Rating**

|   |                                       |
|---|---------------------------------------|
| 0 | No penetration                        |
| 1 | Minor trace of penetration            |
| 2 | A lot has penetrated through the film |

**Remarks:** The above test was witnessed by wimpey laboratory representative at JOTUN laboratory.

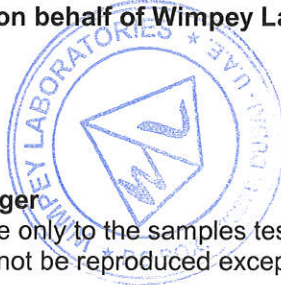
**Signed for and on behalf of Wimpey Laboratories**

  
**Binu K. Babu**

**Technical Manager**

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**TEST CERTIFICATE**

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/8  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from **M/s. Jotun Paints** on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.

**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK

**HIDING POWER**

Test Method: ASTM D 2805

| Test         | Results |
|--------------|---------|
| L*           | 97.06   |
| b*           | 1.15    |
| Hiding Power | 97.28   |

**Remarks:** The above test was witnessed by wimpey laboratory representative at JOTUN laboratory.

Signed for and on behalf of Wimpey Laboratories

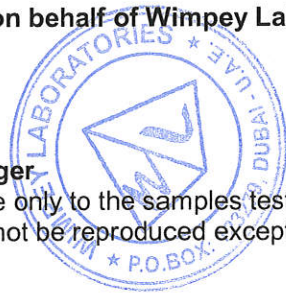
  
**Binu K. Babu**

**Technical Manager**

Test results relate only to the samples tested

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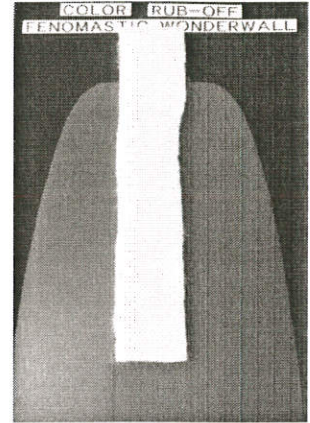
**TEST CERTIFICATE**

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/9  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from M/s. Jotun Paints on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.

**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK



**COLOR RUB-OFF**

Test Method: IN HOUSE TEST METHOD

| COLOR RUB-OFF         | Results     |
|-----------------------|-------------|
| Fenomastic Wonderwall | S 6020-R90B |
|                       | Class A     |

| Legend | Legend  |
|--------|---|
|        | Rub-off level are set out from comparing the standard, Class A means very high resistance to colour rub-off and Class E means low resistance to colour rub-off. |
|        | Class A = Best  |
|        | Class E = Worst   |

**Remarks:** The above test was witnessed by wimpey laboratory representative at JOTUN laboratory.

Signed for and on behalf of Wimpey Laboratories

Binu K.Babu

Technical Manager

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**TEST CERTIFICATE**

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/10  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from **M/s. Jotun Paints** on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.


**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK

**VOC**

| Test | Method    | Unit | Result |
|------|-----------|------|--------|
| VOC  | US-EPA 24 | g/L  | 1.36   |

Remarks: None

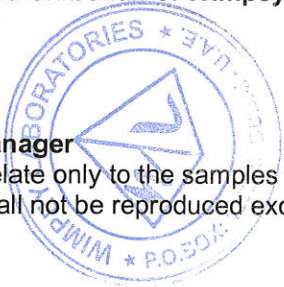
Signed for and on behalf of Wimpey Laboratories

  
**Binu K. Babu**  
**Technical Manager**

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## TEST CERTIFICATE

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/11  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from **M/s. Jotun Paints** on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.


**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK

### VOC

| Test | Method   | Unit | Result |
|------|----------|------|--------|
| VOC  | ISO11890 | g/L  | 1.43   |

Remarks: None

Signed for and on behalf of Wimpey Laboratories

  
**Binu K. Babu**  
**Technical Manager**

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**TEST CERTIFICATE**

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/12  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from **M/s. Jotun Paints** on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.


**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK

**Chemical Analysis**

| Test | Method      | Unit | Result |
|------|-------------|------|--------|
| APEO | US EPA 8260 | ppm  | <0.01  |

Remarks: None.

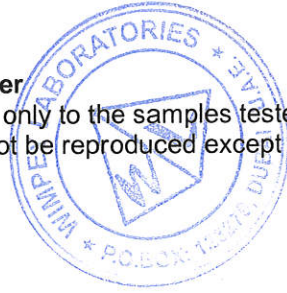
Signed for and on behalf of Wimpey Laboratories

  
**Binu K. Babu**  
Technical Manager

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**TEST CERTIFICATE**

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/13  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from M/s. Jotun Paints on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.

**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK

**Chemical Analysis**

| Test        | Method     | Unit | Result |
|-------------|------------|------|--------|
| Formadehyde | USEPA 8260 | ppm  | <0.01  |

Remarks: None

Signed for and on behalf of Wimpey Laboratories

  
**Binu K. Babu**  
**Technical Manager**

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## TEST CERTIFICATE

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/14  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from M/s. Jotun Paints on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.


**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK

### Heavy Metals

| Heavy Metals | Method     | Unit | Result |
|--------------|------------|------|--------|
| Mercury      | ASTM D3338 | ppm  | <0.01  |
| Arsenic      |            |      | <0.01  |
| Antimony     |            |      | <0.01  |
| Lead         |            |      | <0.01  |
| Cadmium      |            |      | <0.01  |
| Chromium     |            |      | <0.01  |

Remarks: None

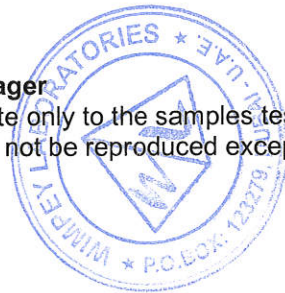
Signed for and on behalf of Wimpey Laboratories

  
**Binu K. Babu**  
Technical Manager

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## TEST CERTIFICATE

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/15  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from **M/s. Jotun Paints** on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.


**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK

### Alkali Resistance

| Test              | Method    | Observation                       | Result    |
|-------------------|-----------|-----------------------------------|-----------|
| Alkali Resistance | ASTM D543 | No characteristic change observed | Resistant |

Remarks: None

Signed for and on behalf of Wimpey Laboratories

  
**Binu K. Babu**  
**Technical Manager**

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**TEST CERTIFICATE**

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/16  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from **M/s. Jotun Paints** on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.

**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK

**Resistance to HouseHold Chemicals**

| Test                             | Method     | Observation                       | Result    |
|----------------------------------|------------|-----------------------------------|-----------|
| Resistance toHouseHold Chemicals | ASTM D1308 | No characteristic change observed | Resistant |

Remarks: None

Signed for and on behalf of Wimpey Laboratories

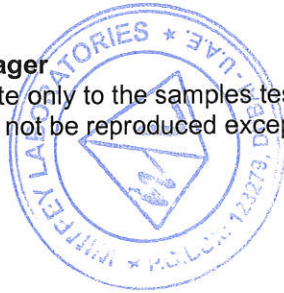
  
Binu K.Babu

Technical Manager

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## TEST CERTIFICATE

Jotun Paints  
P.O Box: 3671  
Dubai, UAE

Report No. WLPR16-31495/17  
Sample No. WSP16-31495/1  
Report Date.19/12/2016

**Introduction:**As per the request received from **M/s. Jotun Paints** on 06<sup>th</sup> December 2016, the sample of Paint was tested and the results are as follows.

**Sample description** : Paint  
**Sample Identification** : Fenomastic Wonderwall  
**Sample Received** : 06/12/2016  
**Date Tested** : 07/12/2016-18/12/2016  
**Tested By** : PK

### Water Resistance

| Test             | Test Method | Observation                       | Result    |
|------------------|-------------|-----------------------------------|-----------|
| Water Resistance | ASTM D870   | No characteristic change observed | Resistant |

**Remarks:** None

**Signed for and on behalf of Wimpey Laboratories**

  
**Binu K.Babu**  
**Technical Manager**

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