

## Network Rail New Works Systems

**Approved to Test: Minimum Expected Service Life : 25 years**

Protective Treatment Reference	Coating Description	Surface Preparation	Coating System	Minimum D.F.T. (microns)	Certificate Ref.
N1	Metal Spray + M.I.O.	Abrasive Blast SA3 + 100 microns of Metal Spray	Intergard 214 Intercure 384 Stripe Intercure 384 Interthane 990/870 Or Interfine 878	25 125 150 50	N1/112
			Or Interfine 691	50	XN90/N1-087
N1F	Metal Spray + M.I.O.	Abrasive Blast SA3 + 100 microns of Metal Spray	Intergard 214 Intercure 384 Stripe Intercure 384 Interthane 990	25 125 150 50	XN90/N1F-079
N2	Glass Flake Epoxy	Abrasive Blast SA2.5	Intergard 307 Interzone 505 Stripe Interzone 505 Interthane 990/870 Or Interfine 878	40 200 400 50	N2/039
N2F	Glass Flake Epoxy	Abrasive Blast SA2.5	Intergard 307 Interzone 505 Stripe Interzone 505 Interthane 990	40 200 400 50	XN90/N2F-086
N2	Glass Flake Epoxy	Abrasive Blast SA2.5	Interseal 670HS Glass Flake Interthane 990/870, Interfine 878 Or Interfine 691	250 50	XN90/N2-099

**Approved to Test: Minimum Expected Service Life : 25 years**

Protective Treatment Reference	Coating Description	Surface Preparation	Coating System	Minimum D.F.T. (microns)	Certificate Ref.
N4	Epoxy M.I.O.	Abrasive Blast SA2.5	Intercure 324 Intercure 384 Stripe Intercure 384 Interthane 990/870 Or Interfine 878	100 125 125 50	XN90/N4-080
			Or Interfine 691	50	XN90/N4-083
N4	Zinc rich Epoxy/ Polyaspartic	Abrasive Blast SA2.5	Interzinc 52 Intercure 99	50 200	XN90/N4-108
N9	Protective system for Galvanised Steel	Sweep Blast to provide an average profile of 30µm	Intercure 384 Interthane 990/870 Or Interfine 691	125 50	XN90/N9-088

Note:

Stripe coat(s) will be required, in order to achieve the minimum thicknesses specified.

If an Anti Graffiti Finish is required then Cromadex Clearcoat is approved over all approved topcoats EXCEPT Interfine 691 and Intercure 99.

## Network Rail Maintenance Systems

**Approved to Test: Minimum Expected Service Life: 25 years for applications over Sa2.5 abrasive blast**

**Approved to Test: Minimum Expected Service Life: 15 years for applications over St3**

Protective Treatment Reference	Coating Description	Surface Preparation	Coating System	Minimum D.F.T. (microns)	Certificate Ref.
M20	Epoxy	Abrasive Blast SA2.5	Intercure 324 Intercure 384 Stripe Intercure 384 Interthane 990/ 870	100 125 125 50	XM93/M20-071
M20	Epoxy	Abrasive Blast SA2.5	Interseal 670HS Interseal 670HS Stripe Interseal 670HS Interthane 990/870 <b>Or Interfine 691</b>	125 125 125 50 <b>50</b>	XM92/M20-073 <b>XN92/M20-159</b>
M20	Zinc rich Epoxy/ Polyaspartic	Abrasive Blast SA2.5	Interzinc 52 Intercure 99	50 200	XM92/M20-199
M21	Glass Flake Epoxy	Abrasive Blast SA 2.5	Intergard 307 Interzone 505 Interthane 990/870 <b>Or Interfine 878</b>	40 400 50	M21-037
M21	Glass Flake Epoxy	Abrasive Blast SA 2.5	Interseal 670HS Glass Flake Interthane 990/870, Interfine 878 <b>Or Interfine 691</b>	250 50	XN92/M21-188
M24	Epoxy Aluminium	Abrasive Blast SA2.5 or Wet Blast	Interseal 670HS Al Interseal 670HS Colour Stripe Interseal 670HS Colour Interthane 990/870 Or Interfine 878 <b>Or Interfine 691</b>	125 125 125 50 <b>50</b>	XM92/M24-152 <b>XM92/M24-157</b>

**Approved to Test: Minimum Expected Service Life: 25 years for applications over Sa2.5 abrasive blast**

**Approved to Test: Minimum Expected Service Life: 15 years for applications over St3**

Protective Treatment Reference	Coating Description	Surface Preparation	Coating System	Minimum D.F.T. (microns)	Certificate Ref.
M24	Epoxy Aluminium	Mech. Prep. St3	Interseal 670HS Al Interseal 670HS Colour Stripe Interseal 670HS Colour Interthane 990/870 Or Interfine 878	125 125 125 50	XM92/M24-151
			Or Interfine 691	50	XM92/M24-156
M34	HB Epoxy with optional topcoat	Abrasive Blast SA 2.5 Or Mech. Prep. St3 or Wet blast	Interzone 954 or 954BG Interthane 990/870 Or Interfine 878	450 50	M34-007
			Interfine 691	50	XN92/M34-153
M34	HB Epoxy with optional topcoat	Abrasive Blast SA 2.5	Interzone 954 or 954BG Interthane 990/870	450 50	M34-003
M34	HB Epoxy with optional topcoat	Mech. Prep. St3	Interzone 954 or 954BG Interthane 990/870	450 50	M34-004

Note:

Stripe coat(s) will be required, in order to achieve the minimum thicknesses specified.

If an Anti Graffiti Finish is required then Cromadex Clearcoat is approved over all approved topcoats EXCEPT Interfine 691 and Intercure 99.

This is to certify that

## Protective Treatment N1

Supplied by

 **International**

**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

ESG Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

<b>Item 7.1.1</b>	<b>Intergard 214 (min dft 25µm)</b>
<b>Item 7.2.2</b>	<b>Intercure 384 gloss (min dft 150µm)</b>
<b>Item 7.3.1</b>	<b>Interthane 990 gloss (min dft 50µm) <u>or</u> Interthane 870 semi-gloss (min dft 50µm) <u>or</u></b>
<b>Item 7.3.4</b>	<b>Interfine 878 (min dft 50µm)</b>
<b>Item 5.6.4</b>	<b>(Optional) Cromadex Clearcoat anti-graffiti lacquer (min dft 30µm)</b>

**Certificate No: N1 – 112**  
**Minimum Expected Service Life: 25 years**  
**Formulations Review Date: 21<sup>st</sup> March 2021**

**Authorised by:**  
**Sean Carney**  
**Team Leader, Coatings**

**Date: 18<sup>th</sup> March 2016**



This is to certify that

## Protective Treatment XN90/N1

Supplied by

 **International**

**International Paints Ltd, Stoneygale Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

ESG Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

**Blast-clean to Surface Standard Sa3 (BS EN ISO 8501-1: 2007) and aluminium  
metal spray (min 100µm dft)**

**Item 7.1.1 Intergard 214 (min dft 25µm)**

**Item 7.2.2 Intercure 384 gloss (min dft 150µm)**

**Epoxy acrylic finish Interfine 691 (min dft 50µm)**

**Certificate No: XN90/N1 – 087**  
**Minimum Expected Service Life: 25 years**  
**Formulations Review Date: 21<sup>st</sup> March 2021**

**Authorised by:**  
**Sean Carney**  
**Team Leader, Coatings.**

**Date: 18<sup>th</sup> March 2016**





This is to certify that

**Protective Treatment XN90/N1F**  
for use on surface stations, rolling stock & tunnels.

Supplied by

 **International**

**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

**Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ**


and found to satisfy the requirements of

**Network Rail Specification**  
**NR/L3/CIV/039**

**Steel, blast-cleaned to Surface Standard Sa3 (BS EN ISO 8501-1: 2007) and  
Aluminium metal sprayed (min 100µm dft).**

<b>Item 7.1.1</b>	<b>Intergard 214 (min dft 25µm)</b>
<b>Item 7.2.2</b>	<b>Intercure 384 (min dft 150µm)</b>
<b>Item 7.3.1</b>	<b>Interthane 990 (min dft 50µm)</b>

**Certificate No: XN90/N1F – 079**  
**Minimum Expected Service Life: 25 years**  
**Formulations Review Date: 1<sup>st</sup> December 2021**

**Authorised by:**   
**Ryan Emery**  
**Operations manager, Coatings.**

**Date: 1<sup>st</sup> December 2016**

This is to certify that

## Protective Treatment N2

Supplied by



**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***


ESG Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

Item 7.1.2	Intergard 307 (min dft 40µm)
Item 7.2.3	Interzone 505 (min dft 400µm)
Item 7.3.1	Interthane 990 gloss (min dft 50µm) <u>or</u> Interthane 870 semi-gloss (min dft 50µm) <u>or</u>
Item 7.3.4	Interfine 878 min dft 50µm)
Item 5.6.4	(Optional) Cromadex Clearcoat anti-graffiti lacquer (min dft 30µm)

Certificate No: N2 – 039  
Minimum Expected Service Life: 25 years  
Formulations Review Date: 21<sup>st</sup> March 2021

Authorised by:   
Sean Carney  
Team Leader, Coatings.

Date: 18<sup>th</sup> March 2016



This is to certify that

## Protective Treatment XN90/N2

Supplied by



**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 0JY**

has been independently tested by

***Scientifics***

ESG Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

**Blast-clean to Surface Standard Sa2½ (BS EN ISO 8501-1: 2007)**

**Item 7.2.3 Interseal 670HS Glass Flake (min dft 200µm)**

**Item 7.2.3 Interseal 670HS Glass Flake (min dft 200µm)**

**Item 7.3.1 Interthane 990 gloss (min dft 50µm) or  
Interthane 870 semi-gloss (min dft 50µm) or**

**Item 7.3.4 Interfine 878 (min dft 50µm)**

**Item 5.6.4 (Optional) Cromadex Clearcoat Anti-graffiti Lacquer  
(min dft 30µm)**

**Certificate No: XN90/N2 – 081**

**Minimum Expected Service Life: 25 years**

**Formulations Review Date: 21<sup>st</sup> March 2021**

**Authorised by:** 

**Sean Carney**

**Team Leader, Coatings.**

**Date: 18th March 2016**

This is to certify that

## Protective Treatment XN90/N2

Supplied by



**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

ESG Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

**Blast-clean to Surface Standard Sa2½ (BS EN ISO 8501-1: 2007)**

**Item 7.2.3 Interseal 670HS Glass Flake (min dft 200µm)**

**Item 7.2.3 Interseal 670HS Glass Flake (min dft 200µm)**

**Epoxy acrylic finish Interfine 691 (min dft 50µm)**

**Certificate No: XN90/N2 – 082**  
**Minimum Expected Service Life: 25 years**  
**Formulations Review Date: 21<sup>st</sup> March 2021**

**Authorised by:**   
**Sean Carney**  
**Team Leader, Coatings.**

**Date: 18th March 2016**

This is to certify that

**Protective Treatment XN90/N2F**  
**for use on surface stations only.**

Supplied by

 **International**

**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

**Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ**

and found to satisfy the requirements of

**Network Rail Specification**  
**NR/L3/CIV/039**

**Steel, Blast-cleaned to Surface Standard Sa2½ (BS EN ISO 8501-1: 2007)**

**Item 7.1.2 Intergard 307 (min dft 50µm)**

**Item 7.2.3 Interzone 505 (min dft 400µm)**

**Item 7.3.1 Interthane 990 (min dft 50µm)**

**Certificate No: XN90/N2F – 086**

**Minimum Expected Service Life: 25 years**

**Formulations Review Date: 2<sup>nd</sup> December 2021**

**Authorised by:**

**Ryan Emery**   
**Operations Manager, Coatings.**

**Date: 2<sup>nd</sup> December 2016**

This is to certify that

## Protective Treatment XN90/N4

Supplied by

 **International**

**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

ESG Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

**Blast-clean to Surface Standard Sa2½ (BS EN ISO 8501-1: 2007)**

**Item 7.1.4 Intercure 324 (min dft 100µm)**

**Item 7.2.2 Intercure 384 (min dft 125µm)**

**Item 7.3.1 Interthane 990 gloss (min dft 50µm) or  
Interthane 870 semi-gloss (min dft 50µm) or**

**Item 7.3.4 Interfine 878 (min dft 50µm)**

**Item 5.6.4 (Optional) Cromadex Clearcoat anti-graffiti lacquer (min dft 30µm)**

**Certificate No: XN90/N4 – 080**

**Minimum Expected Service Life: 25 years**

**Formulations Review Date: 21<sup>st</sup> March 2021**

**Authorised by:**

**Sean Carney**

**Team Leader, Coatings.**

**Date: 18<sup>th</sup> March 2016**

This is to certify that

## Protective Treatment XN90/N4

Supplied by

 **International**

**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

ESG Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

**Blast-clean to Surface Standard Sa2½ (BS EN ISO 8501-1: 2007)**

**Item 7.1.4 Intercure 324 (min dft 100µm)**

**Item 7.2.2 Intercure 384 gloss (min dft 125µm)**

**Epoxy acrylic finish Interfine 691 (min dft 50µm)**

**Certificate No: XN90/N4 – 083**

**Minimum Expected Service Life: 25 years**

**Formulations Review Date: 21<sup>st</sup> March 2021**

**Authorised by:** 

**Sean Carney**

**Team Leader, Coatings.**

**Date: 18<sup>th</sup> March 2016**



This is to certify that

## Protective Treatment XN90/N9

Supplied by



**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

Sweep blast prepared galvanised surface, (average profile approx. 30µm).

Item 7.2.2 Intercure 384 (min dft 125µm)

Item 7.3.1 Interthane 990 (min dft 50µm) or,

Item 7.3.1 Interthane 870 semi-gloss, (min dft 50µm) or,

Epoxy acrylic finish Interfine 691 (min dft 50µm)

**Certificate No: XN90/N9 – 088**

**Minimum Expected Service Life: 25 years**

**Formulations Review Date: 16<sup>th</sup> August 2017**

**Authorised by:** 

**Malcolm Astle**

**Team Leader, Coatings.**

**Date: 16<sup>th</sup> August 2012**



This is to certify that

## **Protective Treatment XM92/M20**

supplied by

 **International**

International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 0JY

has been independently tested by

***Environmental Scientifics Group***

Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## **Network Rail Specification NR/L3/CIV/039**

**Steelwork blast cleaned to surface standard Sa2½ (BS EN ISO 8501-1)**

**Interseal 670 HS Primer (min dft 125µm)**

**Interseal 670 HS Colour (stripe coat, min dft 125µm)**

**Interseal 670 HS Colour (min dft 125µm)**

**Interfine 691 (min dft 50µm)**

**Certificate No: XM92/M20 – 159**

**Minimum Expected Service Life: 25 years**

**Formulations Review Date: 27<sup>th</sup> June 2021**

**Authorised by:**

**Ryan Emery**

**Operations Manager, Coatings.**



**Date: 24<sup>th</sup> June 2016**

This is to certify that

## Protective Treatment XM92/M20

supplied by

 **International**

International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 0JY

has been independently tested by

***Environmental Scientifics Group***

Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

**Steelwork blast cleaned to surface standard Sa2½ (BS EN ISO 8501-1)**

**Interseal 670 HS Primer (min dft 125µm)**

**Interseal 670 HS Colour (stripe coat, min dft 125µm)**

**Interseal 670 HS Colour (min dft 125µm)**

**Item 7.3.1. Interthane 990 gloss (min dft 50µm)  
(Or Interthane 870 semi-gloss).**

**Certificate No: XM92/M20 – 073**

**Minimum Expected Service Life: 25 years**

**Formulations Review Date: 17<sup>th</sup> June 2021**

**Authorised by:**

**Ryan Emery**

**Operations Manager, Coatings.**

**Date: 24<sup>th</sup> June 2016**

This is to certify that

## Protective Treatment XM92/M20

supplied by



International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY

has been independently tested by

**Scientifics**

Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

Steelwork wet blast cleaned to surface standard Sa2½ (BS EN ISO 8501-1) & allowed to  
ginger to in accordance with SSPC-VIS4 (1) NACE No.7, light flash rusting.

Item 7.1.4 Intercure 324 (min dft 100µm)

Item 7.2.2 Intercure 384 (stripe coat, min dft 125µm)

Item 7.2.2 Intercure 384 (min dft 125µm)

Item 7.3.1. Interthane 990 gloss (min dft 50µm)

(Or Interthane 870 semi-gloss).

Certificate No: XM92/M20 – 071

Minimum Expected Service Life: 25 years

Formulations Review Date: 1st December 2021

Authorised by:

Ryan Emery

Operations Manager, Coatings. 

Date: 1<sup>st</sup> December 2016

This is to certify that

## Protective Treatment M21

Supplied by



**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***


ESG Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

Item 7.1.2	Intergard 307 (min dft 40µm)
Item 7.2.3	Interzone 505 (min dft 400µm)
Item 7.3.1	Interthane 990 gloss (min dft 50µm) <u>or</u> Interthane 870 semi-gloss (min dft 50µm) <u>or</u>
Item 7.3.4	Interfine 878 min dft 50µm)
Item 5.6.4	(Optional) Cromadex Clearcoat anti-graffiti lacquer (min dft 30µm)

Certificate No: M21 – 037  
Minimum Expected Service Life: 25 years  
Formulations Review Date: 21<sup>st</sup> March 2021

Authorised by:   
Sean Carney  
Team Leader, Coatings.

Date: 18th March 2016

This is to certify that

## Protective Treatment XM92/M21

Supplied by



**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

ESG, Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

**Blast-clean to Surface Standard Sa2½ (BS EN ISO 8501-1: 2007)**

**Item 7.2.3 Interseal 670HS Glass Flake (min dft 200µm)**

**Item 7.2.3 Interseal 670HS Glass Flake (min dft 200µm)**

**Item 7.3.1 Interthane 990 gloss (min dft 50µm) or  
Interthane 870 semi-gloss (min dft 50µm) or**

**Item 7.3.4 Interfine 878 (min dft 50µm)**

**Item 5.6.4 (Optional) Cromadex Clearcoat Anti-graffiti Lacquer  
(min dft 30µm)**

**Certificate No: XM92/M21 – 154**

**Minimum Expected Service Life: 25 years**

**Formulations Review Date: 21<sup>st</sup> March 2021**

**Authorised by:**

**Sean Carney**

**Team Leader, Coatings.**



**Date: 18th March 2016**



This is to certify that

## Protective Treatment XM92/M21

Supplied by



**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

ESG, Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039


**Blast-clean to Surface Standard Sa2½ (BS EN ISO 8501-1: 2007)**

**Item 7.2.3 Interseal 670HS Glass Flake (min dft 200µm)**

**Item 7.2.3 Interseal 670HS Glass Flake (min dft 200µm)**

**Epoxy acrylic finish Interfine 691 (min dft 50µm)**

**Certificate No: XM92/M21 – 155**  
**Minimum Expected Service Life: 25 years**  
**Formulations Review Date: 21<sup>st</sup> March 2021**

**Authorised by:**   
**Sean Carney**  
**Team Leader, Coatings.**

**Date: 18th March 2016**



This is to certify that

## Protective Treatment XM92/M24

Supplied by



**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

ESG, Derwent House, Brethby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

**Spot hand & power tool preparation to achieve Surface Standard St3 (BS EN ISO 8501-1)**

**Surface Tolerant Epoxy Primer**

**Item 7.1.7**

**Item 7.3.1**

**Item 7.3.4**

**Item 5.6.4**

**Interseal 670HS Aluminium (min dft 125µm)**

**Interseal 670HS Colour (min dft 125µm)**

**Interthane 990 gloss (min dft 50µm) or**

**Interthane 870 semi-gloss (min dft 50µm) or**

**Interfine 878 (min dft 50µm)**

**(Optional) Cromadex Clearcoat Anti-graffiti Lacquer  
(min dft 30µm)**

**Certificate No: XM92/M24 – 151**

**Minimum Expected Service Life: 15 years**

**Formulations Review Date: 21<sup>st</sup> March 2021**

**Authorised by:**

**Sean Carney**

**Team Leader, Coatings.**

**Date: 18th March 2016**

This is to certify that

## Protective Treatment XM92/M24

Supplied by



**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

ESG, Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

**Steelwork wet or dry blast-cleaned to Surface Standard Sa2½ and allowed to ‘ginger’ in accordance with SSPC-VIS 4 (1) NACE No.7 “light flash rusting”**

<b>Surface Tolerant Epoxy Primer</b>	<b>Interseal 670HS Aluminium (min dft 125µm)</b>
<b>Item 7.1.7</b>	<b>Interseal 670HS Colour (min dft 125µm)</b>
<b>Item 7.3.1</b>	<b>Interthane 990 gloss (min dft 50µm) <u>or</u></b>
	<b>Interthane 870 semi-gloss (min dft 50µm) <u>or</u></b>
<b>Item 7.3.4</b>	<b>Interfine 878 (min dft 50µm)</b>
<b>Item 5.6.4</b>	<b>(Optional) Cromadex Clearcoat Anti-graffiti Lacquer (min dft 30µm)</b>

**Certificate No: XM92/M24 – 152**  
**Minimum Expected Service Life: 25 years**  
**Formulations Review Date: 21<sup>st</sup> March 2021**

**Authorised by:**  
**Sean Carney**  
**Team Leader, Coatings.**

 **OPERATIONS  
MANAGER,  
COATINGS**

**Date: 18th March 2016**

This is to certify that

## Protective Treatment XM92/M24

Supplied by



**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***


ESG, Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

Spot hand & power tool preparation to achieve Surface Standard St3 (BS EN ISO 8501-1)	
Surface Tolerant Epoxy Primer	Interseal 670HS Aluminium (min dft 125µm)
Item 7.1.7	Interseal 670HS Colour (min dft 125µm)
Epoxy Acrylic Finish	Interfine 691 (min dft 50µm)

Certificate No: XM92/M24 – 156  
Minimum Expected Service Life: 15 years  
Formulations Review Date: 21<sup>st</sup> March 2021

Authorised by:   
Sean Carney  
Team Leader, Coatings.

Date: 18th March 2016

This is to certify that

## Protective Treatment XM92/M24

Supplied by



**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

ESG, Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

**Steelwork wet or dry blast-cleaned to Surface Standard Sa2½ and allowed to ‘ginger’ in accordance with SSPC-VIS 4 (1) NACE No.7 “light flash rusting”**

**Surface Tolerant Epoxy Primer      Interseal 670HS Aluminium (min dft 125µm)**

**Item 7.1.7      Interseal 670HS Colour (min dft 125µm)**

**Epoxy acrylic finish      Interfine 691 (min dft 50µm)**

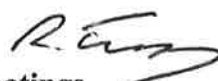
**Certificate No: XM92/M24 – 157**

**Minimum Expected Service Life: 25 years**

**Formulations Review Date: 21<sup>st</sup> March 2021**

**Authorised by:**

**Sean Carney**  
**Team Leader, Coatings.**



**OPERATIONS  
MANAGER,  
COATINGS**

**Date: 18th March 2016**

This is to certify that

## Protective Treatment M34

Supplied by

 **International**

**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***


ESG, Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

**Network Rail Specification  
NR/L3/CIV/039**

Spot blast clean to Surface Standard Sa 2½ (BS EN ISO 8501-1: 2007)  
Item 7.2.6 Interzone 954 or Interzone 954BG (min dft 450µm)  
Item 7.3.1 Interthane 990 gloss (min dft 50µm) or  
Interthane 870 semi-gloss (min dft 50µm)

Certificate No: M34 – 003  
Minimum Expected Service Life: 25 years  
Formulations Review Date: 13<sup>th</sup> December 2020

Authorised by:   
Sean Carney  
Team Leader Coatings.

Date: 14th April 2016



This is to certify that

## Protective Treatment M34

Supplied by



**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

ESG Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

**Spot hand & power tool preparation to achieve Surface Standard St3**

**(BS EN ISO 8501-1: 2007)**

**Item 7.2.6**

**Interzone 954 or Interzone 954BG (min dft 450µm)**

**Item 7.3.1**

**Interthane 990 gloss (min dft 50µm) or**

**Interthane 870 semi-gloss (min dft 50µm)**

**Certificate No: M34 – 004**

**Minimum Expected Service Life: 15 years**

**Formulations Review Date: 1<sup>st</sup> March 2021**

**Authorised by:**

**Sean Carney**

**Team Leader Coatings.**

A handwritten signature in blue ink, appearing to read "Sean Carney".

**Date: 14th April 2016**



This is to certify that

## Protective Treatment M34

Supplied by

 **International**

**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

ESG, Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

<b>Item 7.2.6</b>	<b>Interzone 954 or Interzone 954BG (min dft 450µm)</b>
<b>Item 7.3.1</b>	<b>Interthane 990 gloss (min dft 50µm) <u>or</u></b>
	<b>Interthane 870 semi-gloss (min dft 50µm) <u>or</u></b>
<b>Item 7.3.4</b>	<b>Interfine 878 (min dft 50µm)</b>
<b>Item 5.6.4</b>	<b>(Optional) Cromadex Clearcoat anti-graffiti lacquer (min dft 30µm)</b>

**Certificate No: M34 – 007**

**Minimum Expected Service Life:**

Blast clean to Sa2½ - 25 years

Power & hand tool to St3 – 15 years

**Formulations Review Date: 21<sup>st</sup> March 2021**

**Authorised by:** 

**Sean Carney**

**Team Leader, Coatings.**

**Date: 14th April 2016**

This is to certify that

## Protective Treatment XM92/M34

Supplied by

 **International**

**International Paints Ltd, Stonegate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***

ESG, Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

**Network Rail Specification  
NR/L3/CIV/039**

**Sound existing paintwork with spot preparation by blast-cleaning to Surface  
Standard Sa2½ (BS EN ISO 8501-1), power or hand tool preparation to Surface  
Standard St3 (BS EN ISO 8501-1) or wet abrasive blast-cleaning.**

**Item 7.2.6 Interzone 954 or Interzone 954BG (min dft 450µm)  
Epoxy acrylic finish Interfine 691 (min dft 50µm)**

**Certificate No: XM92/M34 – 153**

**Minimum Expected Service Life:**

Blast clean to Sa2½ - 25 years

Power & hand tool to St3 – 15 years

**Formulations Review Date: 21<sup>st</sup> March 2021**

**Authorised by:**

**Sean Carney**

**Team Leader, Coatings.**

**Date: 14<sup>th</sup> April 2016**

This is to certify that

## Protective Treatment N2

Supplied by



**International Paints Ltd, Stoneygate Lane,  
Felling, Gateshead, Tyne & Wear, NE10 OJY**

has been independently tested by

***Scientifics***


ESG Derwent House, Bretby Business Park, Ashby Road,  
Burton on Trent, DE15 0YZ

and found to satisfy the requirements of

## Network Rail Specification NR/L3/CIV/039

Item 7.1.2	Intergard 307 (min dft 40µm)
Item 7.2.3	Interzone 505 (min dft 400µm)
Item 7.3.1	Interthane 990 gloss (min dft 50µm) <u>or</u> Interthane 870 semi-gloss (min dft 50µm) <u>or</u>
Item 7.3.4	Interfine 878 min dft 50µm)
Item 5.6.4	(Optional) Cromadex Clearcoat anti-graffiti lacquer (min dft 30µm)

Certificate No: N2 – 039  
Minimum Expected Service Life: 25 years  
Formulations Review Date: 21<sup>st</sup> March 2021

Authorised by:   
Sean Carney  
Team Leader, Coatings.

Date: 18<sup>th</sup> March 2016