

This is to certify that

**Protective Treatment XN90/N2**  
**Epoxy Glass Flake System for New Steelwork**  
**(alternative to protective treatment N2)**

supplied by



Jotun Paints (Europe) Ltd, Stather Road, Flixborough,  
Scunthorpe, North Lincolnshire, DN15 8RR

has been independently tested by

***Scientifics Ltd***  
**500 London Road, Derby, DE24 8BQ**

and found to satisfy the requirements of

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

**Blast Clean to Surface Standard Sa.2½ (BS EN ISO 8501-1)**

**Item 7.1.4 Penguard HSP ZP (min dft 125µm)**

**Item 7.2.3 Marathon Glass Flake Reinforced Epoxy Intermediate Coat (min dft 300µm)**

**Item 7.3.4. Hardtop Optima Finish (min dft 50µm) or,**  
**Hardtop CA Isocyanate free Finish, (min dft 50µm) or,**

**Waterfine water-based single pack finish, (min dft 50µm).**

**Certificate No: XN90/N2 - 089**

**Minimum Expected Service Life: 25 years**

**Formulations Review Date: 5<sup>th</sup> October 2022**

**Authorised by:**



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

**Date: 5<sup>th</sup> October 2017**