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## **X-TEND<sup>®</sup> Colours - Durability of the colour coating**

### **Method: Weathering test including frost simulation**

**Test basis:** based on **DIN EN ISO 4892-3:2016-10**, with:  
750h artificial weathering according to method A, cycle 2  
8.00h dry with UV irradiation at 50°C  
0.25h spray water  
3.25h condensation at 50°C  
every 250h frost simulation for 24h at -20°C  
**DIN EN ISO 20105-A02:1994-10**

**Test result:** After the test, the samples did not show any changes compared to the initial samples or to each other. There are no colour changes or peeling of the colour coating.

We herewith confirm the durability of the X-TEND<sup>®</sup> Colours polymer colour coating for a duration of minimum 5 years. This applies under the following conditions:

- No use of the mesh in coastal atmosphere
- No use in closed surroundings with aggressive atmosphere and insufficient ventilation (e.g. under permanent influence of chlorides)
- No impact of abrasive particles onto the surface
- No use of the mesh which does not correspond to the defined application purpose (also see European Technical Assessment ETA-22/0257)

The wire rope structure is being preserved visually underneath the colour coating.  
The colour coating is mainly positioned between the wire rope's individual strands and wires.  
The wire rope's exterior diameter usually does not show a very intense colour coating.