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X-TEND[®] powder coated - 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.**

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.