

Project: Technical Data Sheet for Composite Quantum Anode
Subject: Update 1 February 2024
Date:
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CC:

MEMO

After quite a few tests we performed and let perform –an updated technical data sheet for CAST^Q&QAP60 Composite Anode is available:

New certified properties:

- Max. operating temperature 120°C, on concrete 90°C
- Resistant against thunder showers according to EN 13687-2 thunder shower cycling/EN 1504-2 (see attachment)
- Freeze-thaw cycling with de-icing salt immersion according to EN 13687-1, provided the subbase is frost-thaw salt-resistant
- Does not propagate fire according to DIN EN 11925-2-2020 “reaction to fire tests. Ignitability of products subjected to direct impingement of flame. Single-flame source test”, class D

Viscosity component A: 11,7 Pa.s

Viscosity component A: +B 8,9 Pa.s

Viscosity comp. A +B + 5% water: 7,7 Pa.s

Full graphs over 0 – 100 s⁻¹ shear velocities are available

Therefore, the CAST^Q paint is very well-suited for airless spray applications

Durability:

- Expected > 25 years according to references
- Expected service time in combination with poly-urea-top-coating (e.g. MasterSeal M 689 as part of MasterSeal® Traffic 2239 or equivalent): > 40 years