

**TNEMEC**

Protective & Architectural Coatings · Kansas City

18 EPDs across architectural & resinous flooring.

THE INDUSTRY PROBLEM

When you publish your first EPD, you've built a snapshot. When you publish 18, you've built a system. Coatings manufacturers run frequent formulation changes — a raw material substitution, a regulatory update — and any of them can quietly invalidate a published EPD if R&D doesn't know to flag it. Scaling EPDs without scaling fragility is the real challenge.

WHAT TNEMEC DID

Tnemec scoped 18 EPDs across two product categories — 15 architectural coatings and 3 resinous flooring products — managed as separate verifier workflows for clean compliance paths. Annual review cadence formalized across previously published EPDs. An internal flagging process now routes any formulation change through certification before it ships, so the document never goes stale by accident.

WHAT IT UNLOCKED

Portfolio-scale EPD coverage with built-in change management. The certification function sits inside R&D's workflow, not alongside it — preventing a documented EPD from being invalidated by an unflagged formula update.

Architectural coatings and resinous flooring scoped as separate workflows for verifier clarity.

18**EPDs in portfolio**

15 architectural + 3 resinous flooring

+1.5**LEED points per EPD**

27 cumulative LEED points across portfolio
Verified Type III EPD

<90 days**Parq baseline**

vs 365-550+ day industry standard
Per delivery model

2**verifier workflows**

Clean compliance paths per category

Annual**review cadence**

Built into Tnemec's R&D process

Pre-flag**change management**

Formula changes route through certification first
Process improvement

WHY IT MATTERS

- Portfolio EPD coverage scaled across two product categories without verifier conflicts
- Change management built into R&D — formulation updates route through certification first
- Annual review cadence keeps published EPDs current as the product evolves
- Coverage at scale, not just one-off documents that age out of relevance