

Roof Soft-Wash — Technical Spec

TILE · SHINGLE · METAL · FLAT — AERIAL APPLICATION, ZERO FOOT TRAFFIC

METHOD

APPLICATION	Aerial soft-wash — Apellix Quad Rotor X8, ground-tethered feed
PRESSURE	Low-pressure, surface-safe — never pressure-blast
FOOT TRAFFIC ON ROOF	Zero — no cracked tiles, no shed granules, no walked warranty
STANDOFF	Pilot-held distance; aircraft never contacts the surface

CHEMISTRY

PRIMARY AGENT	CitraShield — biodegradable, EPA-compliant
BLEND	Professional-grade sodium hypochlorite (SH), diluted per surface
DWELL	Surface-matched dwell time — kills algae/Gloeocapsa at the root
RESIDUAL	CitraShield barrier slows regrowth between service cycles
RUNOFF	Landscape & stormwater protection on every job

CADENCE & DOCUMENTATION

SHINGLE CYCLE	Every 24–36 months
TILE CYCLE	Every 24–48 months
TRIGGER	First visible streaking
DELIVERABLE	Dated before/after imagery, every elevation — insurance-ready