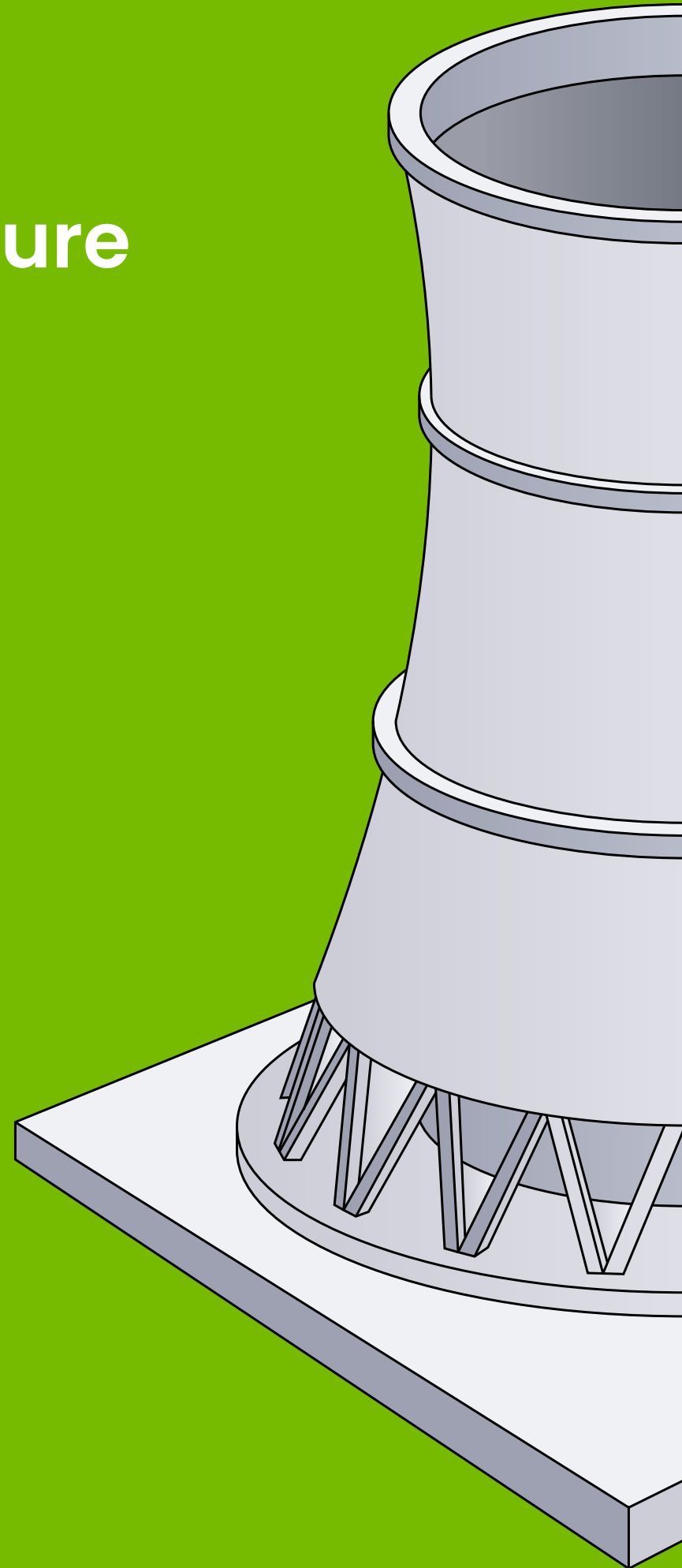


Cooling Tower & Basin

Typical Causes of Failure

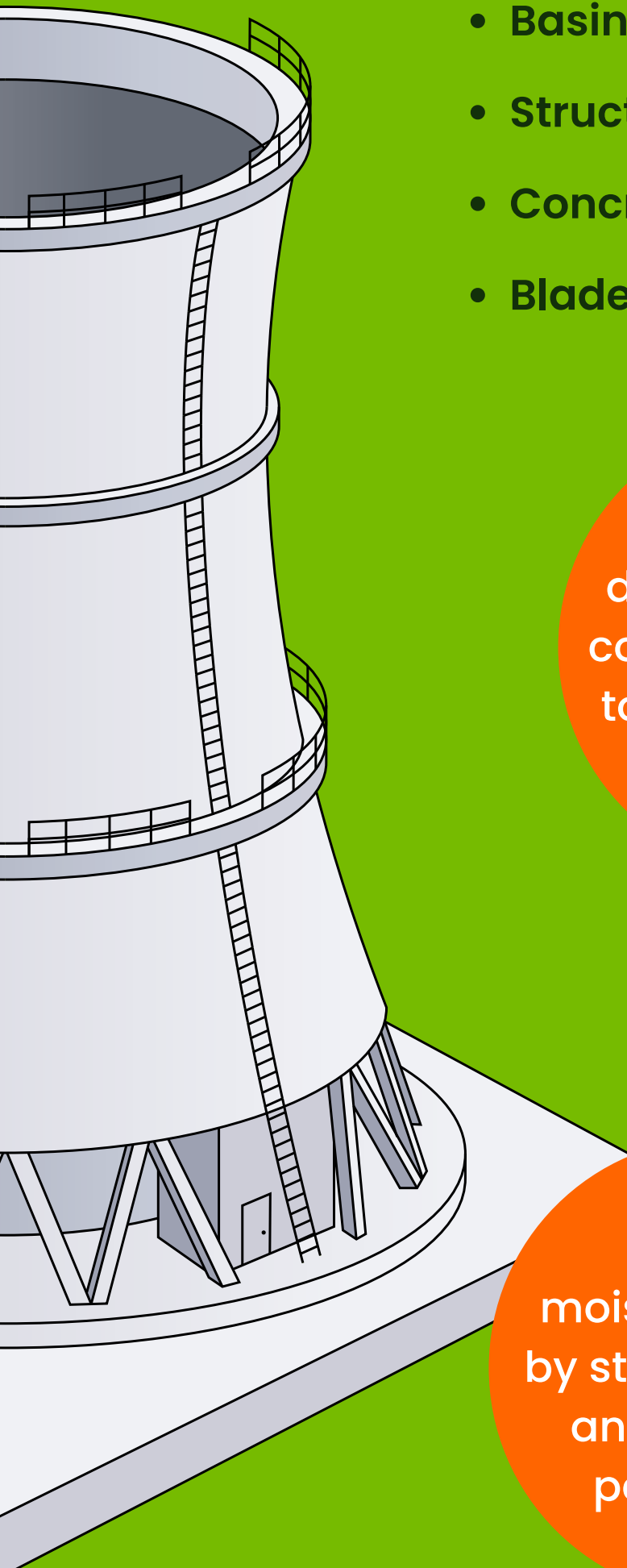
- Environmental Ageing / Weathering
- UV Exposure & Solar Degradation
- Bi-Metallic / Galvanic Corrosion
- Vibration / Mechanical Stress
- Thermal Fatigue / Cracking
- Crevice Corrosion & Pitting
- Wall Thinning / Friction
- Chemical Exposure
- Particulate Erosion
- Hairline Cracks



resimac

Treatable Repair Areas

- Basin Floor & Sumps
- Structural Steel
- Concrete & Internal Walls
- Blades



Seals
deep fractures in
concrete and steel
to prevent further
spreading

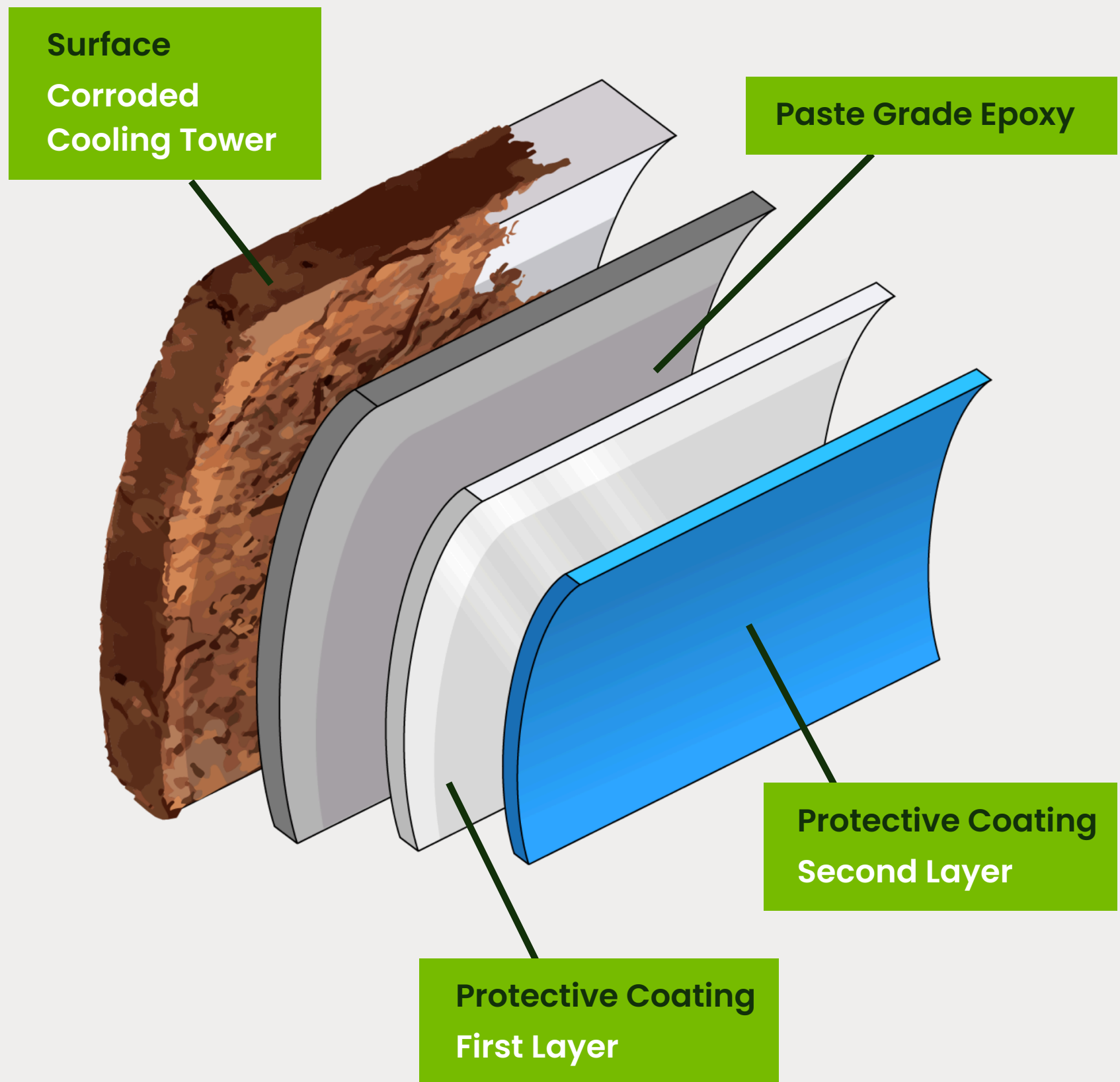
Adheres to
damp substrates,
drastically reducing
emergency repair
downtime

Blocks
moisture ingress
by stopping water
and chemical
penetration

resimac

Cooling Tower Repair System

Localised Corrosion



resimac

Localised Corrosion

Resimac Products

- 101 Metal Repair Paste
- 501 CRSG – Surface Tolerant Epoxy
- 501 CRXL – Extended Working Life
- 501 ARXL – Abrasion Resistant Grade

Preparation & Application



*Mechanically
abrade or
pressure wash
surfaces*



*Degrease &
clean surfaces
using a cleaner
or solvent*



*Apply the
selected paste
to the damaged
surface*

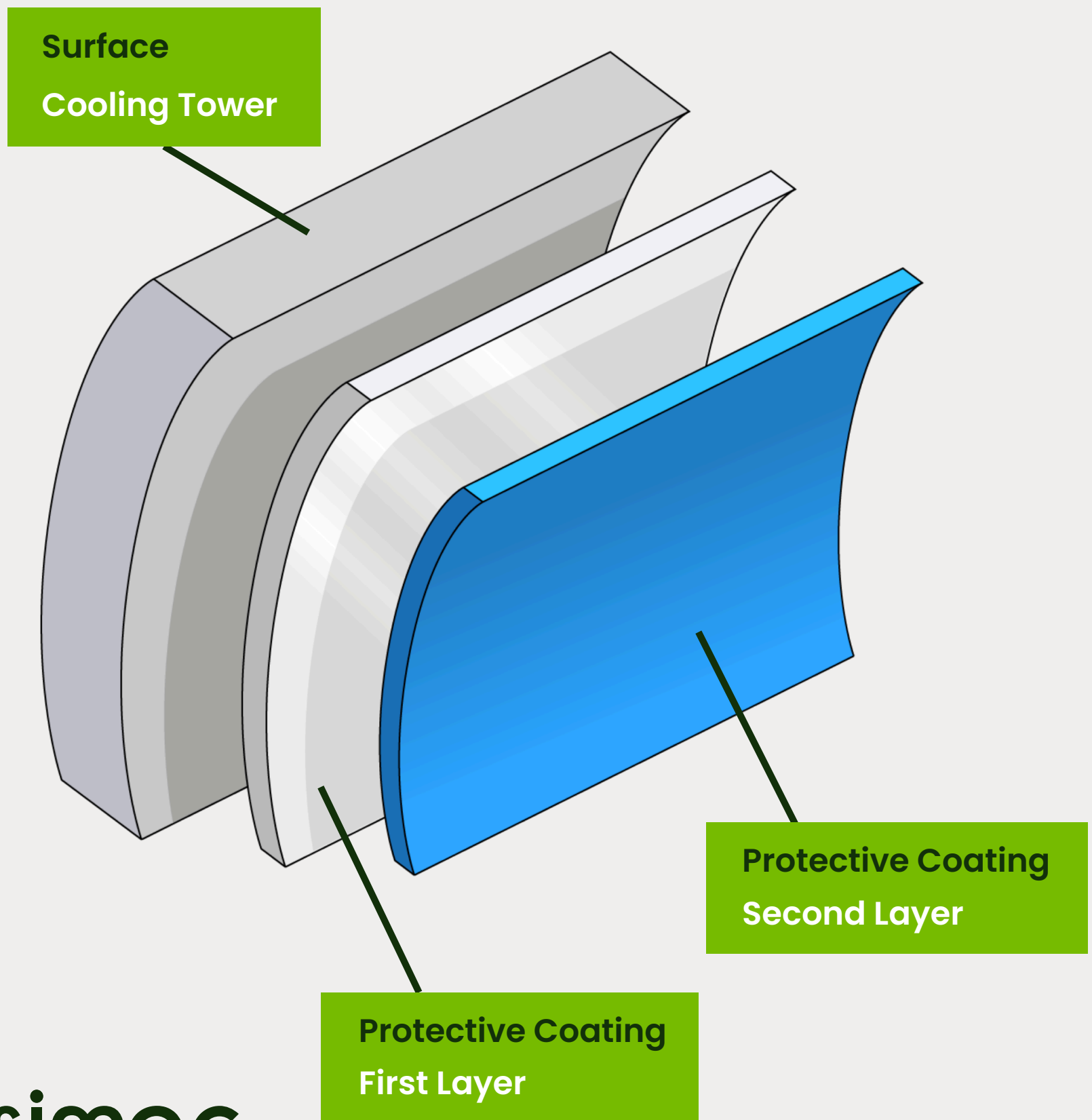


*Apply two coats
of selected
coating by brush
or roller*

resimac

Cooling Tower Repair System

Protective Coating



resimac

Protective Coating

Resimac Products

- 501 CRSG – Surface Tolerant Epoxy
- 501 CRXL – Extended Working Life
- 501 ARXL – Abrasion Resistant Grade

Preparation & Application



All surfaces must be hydro-blasted at a minimum 1700 bar



Degrease & clean surfaces using a cleaner or solvent

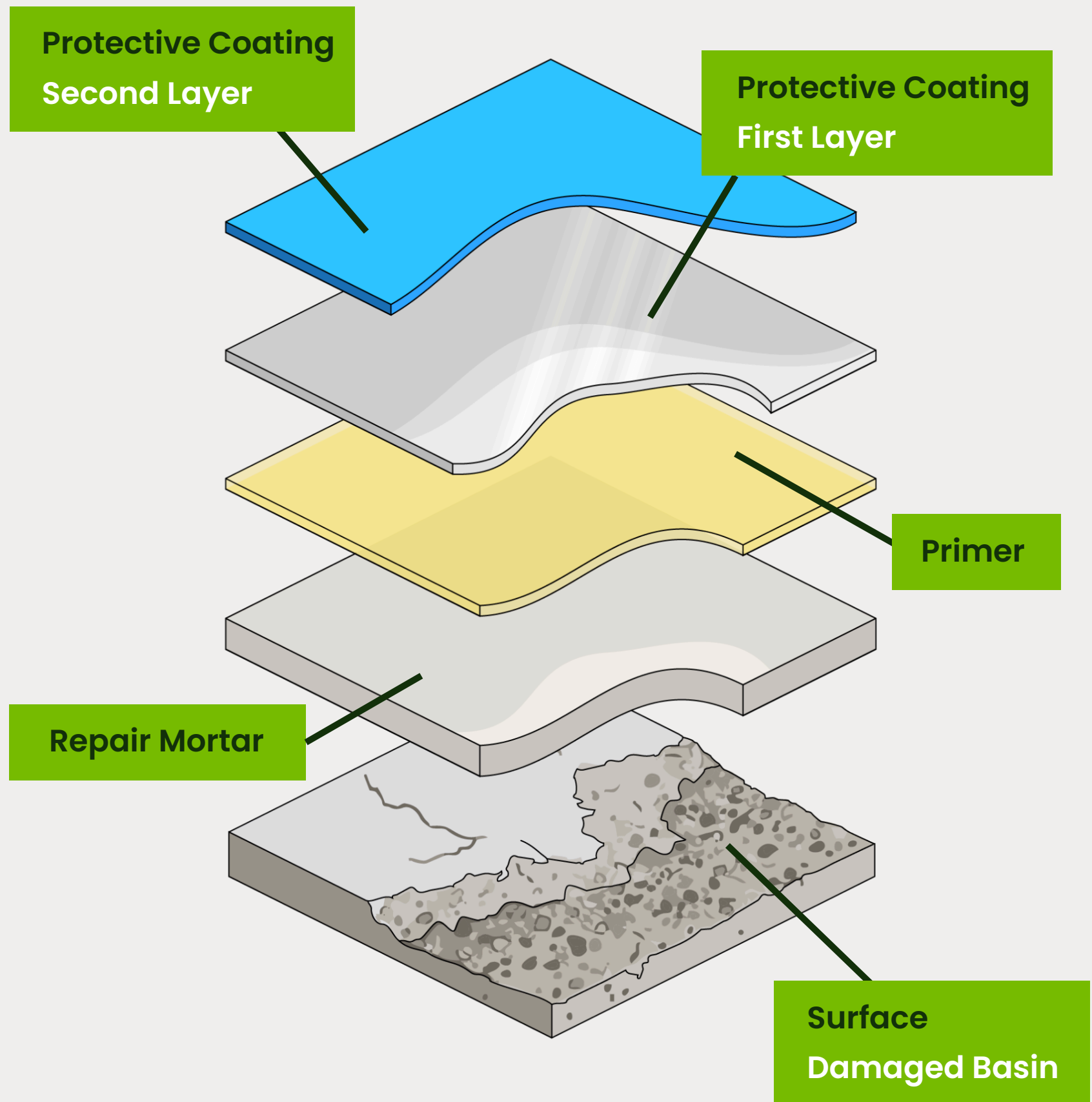


Apply two coats of selected coating by brush or roller

resimac

Basin Repair System

Spalling Concrete



resimac

Concrete Spalling

Resimac Products

- | | | |
|-----------------|-----------------|-----------------|
| • 503 SPEP | • 501 CRXL | • 573 Concrete |
| • 503 SPEP XL | • 501 ARXL | Fastfill Screed |
| • 505 Damp Seal | • 570 Concrete | • 576 Quartz |
| • 501 CRSG | Patch Repair XF | Screed |

Preparation & Application



*Mechanically
abrade or
pressure wash
surfaces*



*Apply the
selected mortar
to the prepared
surface*



*Apply the
selected primer
to prepare for
the substrate*



*Apply two coats
of selected
coating by brush
or roller*

resimac