

1 CUSTOMER / PROJECT DETAILS

Customer / company	Date
Contact person / telephone / email	Project / enquiry reference
Site / plant / physical location	Asset / equipment tag
Required completion / shutdown date	Area to be coated (m²) / quantity

2 REQUESTED COATING FAMILY / PURPOSE

NRX Nano Primer	NRX MAX	NRX PU	Temcoat	Tectyl / Tektile	ZRC	ARCOR
Recommend complete system	Specified product	Repair / maintenance	New construction	Other		
Main purpose / performance objective	Specified product / grade / colour					

3 ASSET, SUBSTRATE & GEOMETRY

Asset / component	Pipe	Tank	Vessel	Structure	Equipment	Concrete	Other
Substrate	Carbon steel	Stainless	Galvanized	Aluminium	Concrete	FRP	Other
Exposure face	External	Internal / lining	Immersion	Splash / spill	Underground		
Dimensions / geometry / complex or inaccessible areas	Substrate grade / material specification						

4 EXISTING CONDITION / FAILURE

Existing coating / lining type, manufacturer & age	Existing DFT / number of coats							
Condition	Bare	Sound	Rust / scale	Pitting	Peeling	Blistering	Cracking	Chalking
Contamination	Oil / grease	Soluble salts	Chemical	Moisture	Dust	Unknown		
Corrosion / pitting severity and measured metal loss	Known cause of failure / previous repair history							

5 SERVICE ENVIRONMENT & EXPOSURE

Process media / chemical name	Concentration (%) / pH						
Operating / maximum temperature (°C)	Operating / design pressure or vacuum						
Environment	Indoor	Outdoor	Coastal / marine	UV	Condensation	Abrasive	Impact
Exposure cycle / duration / frequency	Required service life / maintenance interval						
Additional service details							

6 SURFACE PREPARATION

Available method	Solvent clean	Water wash	HP / UHP waterjet	Hand / power tool	Abrasive blast
Required preparation standard / grade (ISO / SSPC / NACE)	Abrasive type / blast profile (µm)				
Maximum soluble salts / dust class	Surface dryness / cleanliness constraints				
Welds, edges, pits and defects requiring repair	Existing coating compatibility / removal method				
Access, scaffolding, enclosure and containment	Lead / hazardous coating survey requirement				

7 PROPOSED COATING SYSTEM & FILM BUILD

Coat	Function	Product / grade	Colour	WFT µm	DFT µm	Coverage	Overcoat / cure
Specified total DFT / allowable range (µm)				Primer-to-substrate / intercoat compatibility			
Mix ratio / induction time / pot life				Thinner / maximum dilution			

8 APPLICATION CONDITIONS & METHOD

Method	Brush	Roller	Conventional spray	Airless	Dip	Trowel	Other
Equipment / tip size / pressure / mixer details	Applicator / contractor / competency requirement						
Ambient temperature range / relative humidity	Substrate temperature / minimum dew-point margin						
Ventilation / confined-space / ignition controls	Masking, overspray and adjacent-plant protection						
Weather / rain / wind / condensation limitations	Cure window before handling / service / immersion						

9 QUANTITY, PACKAGING & LOGISTICS

Measured area / practical coverage / wastage allowance	Pack size / quantity / batch and colour consistency
Delivery location / storage temperature & conditions	Shelf-life / site schedule / shutdown window
Application and logistics notes	

10 INSPECTION, TESTING & ACCEPTANCE**Required checks**

Climate / dew point

Profile

Salt

Dust

WFT

DFT

Adhesion

Cure

Holiday / spark test

Pinhole / porosity

Hardness

Colour / gloss

Final visual

Witness points

Inspection / coating standard and acceptance criteria**Test instrument / calibration requirements****Hold points / ITP / third-party inspection****Required readings, test frequency and report format****Repair procedure / touch-up acceptance****Warranty / performance guarantee****11 SAFETY, ENVIRONMENTAL & CERTIFICATION****Documents / approvals**

TDS

SDS

VOC

Potable water

Food contact

Marine / offshore

Chemical-immersion approval

Fire performance

Environmental compliance

QA dossier / COC

PPE / respiratory / ventilation requirements**Waste, solvent and abrasive disposal requirements****Permit, hot-work or confined-space restrictions****Other approvals / certification / client specification****12 PRODUCT-SPECIFIC SELECTION NOTES****NRX**

Rust conversion / retained rust; primer and UV / chemical-resistant topcoat requirement

TEMCOAT / TECTYL

Temporary or long-term; removable; oily / waxy / firm film; storage, transport or outdoor exposure

ZRC

Bare blasted steel / galvanizing repair; zinc-rich system and topcoat compatibility

ARCOR

Repair / rebuild / lining; immersion, erosion, cavitation or severe chemical service

13 RECOMMENDATION, NOTES & ATTACHMENTS**Recommended coating system / exceptions / special requirements****Photo / drawing / specification references****Attachments / number of pages****Completed by / company / date****Reviewed / approved by / date**