Standard Equus Specifications for Dairy Factories

6732 Paint System ISO 14644 Clean Room Approved
VERSION – March 2024

INTERIOR PAINT SYSTEMS
All surface preparation is to be carried out strictly in accordance with Equus's instructions.
All coatings applied outside the parameters of weather conditions, as set down in Equus's specifications and data sheets, shall be notified in writing to all parties.

Type I-3 Plaster to Concrete Wall Surfaces and Plastered Blockwork
Skim Plaster – All concrete and plastered concrete surfaces are to be pinhole free before painting. Allow to provide a full skim coat to all surfaces that is compatible with the Equus painting system. Then mechanical sand and rinse with clean water to remove dust.
An approved skim plaster to fill pinholes is Multiplast Finishing Compound [FC] sourced through Equus.
Coating can be installed to green concrete with the use of the Epistixx primer.
Consult Equus representative regarding green concrete application.

Type I-3 Wet Process Rooms (epoxy)
1st coat Chevaline Epistixx Sealer	Min WFT 60 µm
2nd coat Chevaline Epistixx Rapid Topcoat	Min WFT 125 µm
3rd coat Chevaline Epistixx Rapid Topcoat	Min WFT 125 µm
4th coat Chevaline Epistixx Rapid Topcoat	Min WFT 125 µm

Columns generally have an extra coat of Epistixx Rapid to assist with achieving the colour film build, as they are roller applied
Note – if steel fibres have been used to reinforce the concrete panels, please see Equus for additional anti-corrosion primer requirement

Type I-3 Dry Process Rooms (acrylic)
1st coat Chevaline Coverall Presealer	Min WFT N/A
2nd coat Chevaline Coverall Primer	Min WFT 140 µm
3rd coat Chevaline Coverall Heavy Bodycoat	Min WFT 250 µm
4th coat Chevaline Colourglaze Topcoat	Min WFT 120 µm

Columns generally have an extra coat of Colourglaze to assist with achieving the colour film build as they are roller applied
Note – if steel fibres have been used to reinforce the concrete panels, please see Equus for additional anti-corrosion primer requirement.

Type I-7 Concrete Floors Painted – in the CIP/ Hygiene Process Areas – include non-slip option as necessary.

Note- All concrete and plastered concrete shall be pinhole and laitance free before painting. Allow patching imperfections in the floor as necessary and all floors must be Diamond Ground to present a clean surface. Coating can be applied to green concrete with an Epistixx Sealer. Consult Equus representative regarding green concrete application.

1st coat Chevaline Epistixx Sealer	Min WFT 60 µm	
2nd coat Chevaline Epistixx NS Bodycoat or		
Chevaline Epistixx Rapid Topcoat as required		Min WFT 125 µm
3rd coat Chevaline Epistixx Rapid Topcoat	Min WFT 125 µm	
4th coat Chevaline Epistixx Rapid Topcoat	Min WFT 125 µm	

Type I-8 Concrete Floors – situated in Non-CIP Hygiene Areas with medium to heavy traffic

All concrete must be Diamond Ground to present a clean surface. Note this coating can go onto green concrete. Consult Equus first

1st coat Chevaline Epistixx Sealer	Min WFT 60 µm
2nd coat Chevaline Epistixx Rapid Topcoat	Min WFT 125 µm
3rd coat Chevaline Epistixx Rapid Topcoat	Min WFT 125 µm

Type I-10 Exposed Structural Steelwork, Undersides of Steel Decks, Mild Steel Handrails

Note – This system is suitable for CIP or Hygiene Process Areas
Abrasive Blast to AS1627.4 Class 2.5

1st coat Protexx Zincure Primer or an Equus approved 2 Pack Epoxy
Zinc Rich Primer in Factory   Min WFT 125 µm
2nd coat Chevaline Colourcure HB Primer   Min WFT 145 µm
3rd coat Chevaline Colourcure 2   Min WFT 125 µm

On site spot priming with Protexx Zincure
Some bright colours may require an extra topcoat to cover

Type I-11 Exposed Mild Steel Floors, Decks and Stair Treads – includes slip resistant option

Note – this system is suitable for CIP or hygiene process areas
Abrasive Blast to AS1627.4 Class 2.5

1st coat Protexx Zincure Primer or an Equus approved 2 Pack Epoxy
Zinc Rich Primer in Factory   Min WFT 125 µm
2nd coat Chevaline Colourcure HB Primer   Min WFT 145 µm
3rd coat Chevaline Colourcure 2   Min WFT 125 µm
4th coat Chevaline Colourcure 2   Min WFT 125 µm

If nonslip is required add J61 sand to coat 3

Type I-12 Concealed Structural Steelwork and Rafters and other Mild Steelwork
Note – this system is not suitable for CIP or hygiene process areas
Abrasive Blast to AS1627.4 Class 2.5

1st coat Protexx Zincure Primer or an Equus approved 2 Pack Epoxy
Zinc Rich Primer in Factory   Min WFT 125 μm

Type I-13 Painted Galvanized Steelwork and Handrails
Note- this system is suitable for CIP and hygiene process areas.
Degrease to AS 1627.1. Lightly abrade entire substrate to provide surface key,

1st coat Protexx Zincure   Min WFT 125 μm
2nd coat Chevaline Colourcure HB Primer   Min WFT 145 μm
3rd coat Chevaline Colourcure 2   Min WFT 125 μm

Type I 15 Solid Core Timber Doors

1st coat Chevaline Epistixx Primer   Min WFT 100 μm
2nd coat Chevaline Colourcure HB Primer   Min WFT 145 μm
3rd coat Chevaline Colourcure 2   Min WFT 125 μm