

| Service Environment | Specification | | | | | |
|---|---------------|-----------------------------------|--------------------|-----|----------------|--------------------|
| | No. | Materials | Dry Film Thickness | No. | Materials | Dry Film Thickness |
| Heated buildings with clean atmospheres C1 - Very Low | D1 | Leighs M255 | 100 | F1 | Epigrip C400V3 | 75 |
| | D1a | Epigrip C400V3 Resistex C137V2 | 75 50 | F2 | Epigrip M455V2 | 75 |
| | D2 | Leighs M155 | 100 | | | |
| Unheated buildings where condensation may occur C2 - Low | D3 | Epigrip C400V3 Resistex C137V2 | 100 50 | F3 | Epigrip J984 | 50 |
| | | | | F4 | Epigrip C400V3 | 125 |
| Internal Wet C4 - High | D4 | Epigrip C400V3 Resistex C137V2 | 200 50 | F5 | Epigrip C400V3 | 250 |
| External Urban C3 - Medium | D5 | Epigrip C400V3 Resistex C137V2 | 200 50 | F6 | Epigrip C400V3 | 250 |
| Chemical or External Industrial C4 - High | D6 | Epigrip C400V3 Resistex C137V2 | 225 50 | F7 | Epigrip C400V3 | 275 |
| External - High Industrial / Marine C5I/M - Very High | D7 | Epigrip C400V3 Resistex C137V2 | 275 50 | F8 | Epigrip C400V3 | 325 |

 Sherwin-Williams Specification No.

 ISO 12944 Corrosivity Categories

D1, D2, F1, F2, F4 - Suitable for application of FIRETEX range of single pack Intumescent coatings.

F1, F2, F4, F5, F6 - Suitable for application of FIRETEX M95 systems.

If a blast primer is required, contact Sherwin-Williams Technical Enquiries Team.

Durability should be considered as the coating design life, where regular minor maintenance should be scheduled to achieve the required life to first major maintenance

Definitions of environment corrosive categories stated are according to ISO12944-2:1998.



Specification Selector

Corrosion Protection of STEEL

Durability (Life to First Major Maintenance): up to 20 years

When determining the environmental category the specifier must consider that certain structures and/or locations can produce a micro climate which is more corrosive than that of the surrounding environment. This can be the case with open sided buildings including car parks.

Alternative finishes may be used in place of Resistex C137V2 Special Finish. Consult Sherwin-Williams Technical Enquiries Team.

For maintenance and/or alternative substrate specifications, please contact Sherwin-Williams Technical Enquiries Team.

The information detailed in this specification selector is liable to modification from time to time in the light of experience and of normal product development, and before using, customers are advised to check with Sherwin-Williams, quoting the reference number, to ensure that they possess the latest issue.