

FIREPROOFING PRODUCT CASE HISTORY

ORMISTON JUNIOR COLLEGE



PROJECT:	Ormiston Junior College
LOCATION:	Ormiston, Manukau, Auckland, NZ
ARCHITECT:	ASC Architects, Auckland
CONTRACTOR:	Hawkins Group
DATE:	January 2017
SALESPERSON:	Tony Vos
SUBSTRATE:	Mild Steel



SURFACE PREPARATION

Abrasive blast to AS 1627.4 Class 2.5

SYSTEM

Interior concealed steel: Carboguard 504 @ 75 μ

Interior concealed FR steel: Carboguard 504 @ 75 μ / Nullifire SC802

Interior visible steel: Carboguard 504 @ 75 μ / Resene Acrylic (x2 coats)

Interior visible FR steel: Carboguard 504 @ 75 μ / Nullifire SC802 / Resene Acrylic (x2 coats)

Exterior exposed steel: TSZ / Carboguard 504 @ 50 μ / Carbothane 133 LH @ 75 μ

EXPOSURE

Interior: C1: Very low

Exterior: C3: Medium

NOTES / OVERVIEW

The project included a joint specification approach between ourselves and Resene. Resene provided the architectural specifications and Altex Coatings the protective coating and fire protection specifications for steelwork. The coating system selection we provided was focused on providing the durability, finish and Green Star requirements set by the project architect, ASC Architects and the construction outcome required by Hawkins Construction. The inclusion of Nullifire SC802 intumescent on interior fire rated steelwork meant that on-site applied intumescent met the Green Star requirements of the project. Part of our input to the project also included carrying out site visits to review shop primed steelwork and to audit intumescent coatings applied by the on-site applicator.