

# ***ESP TREATED SECTIONS For Wet Areas***



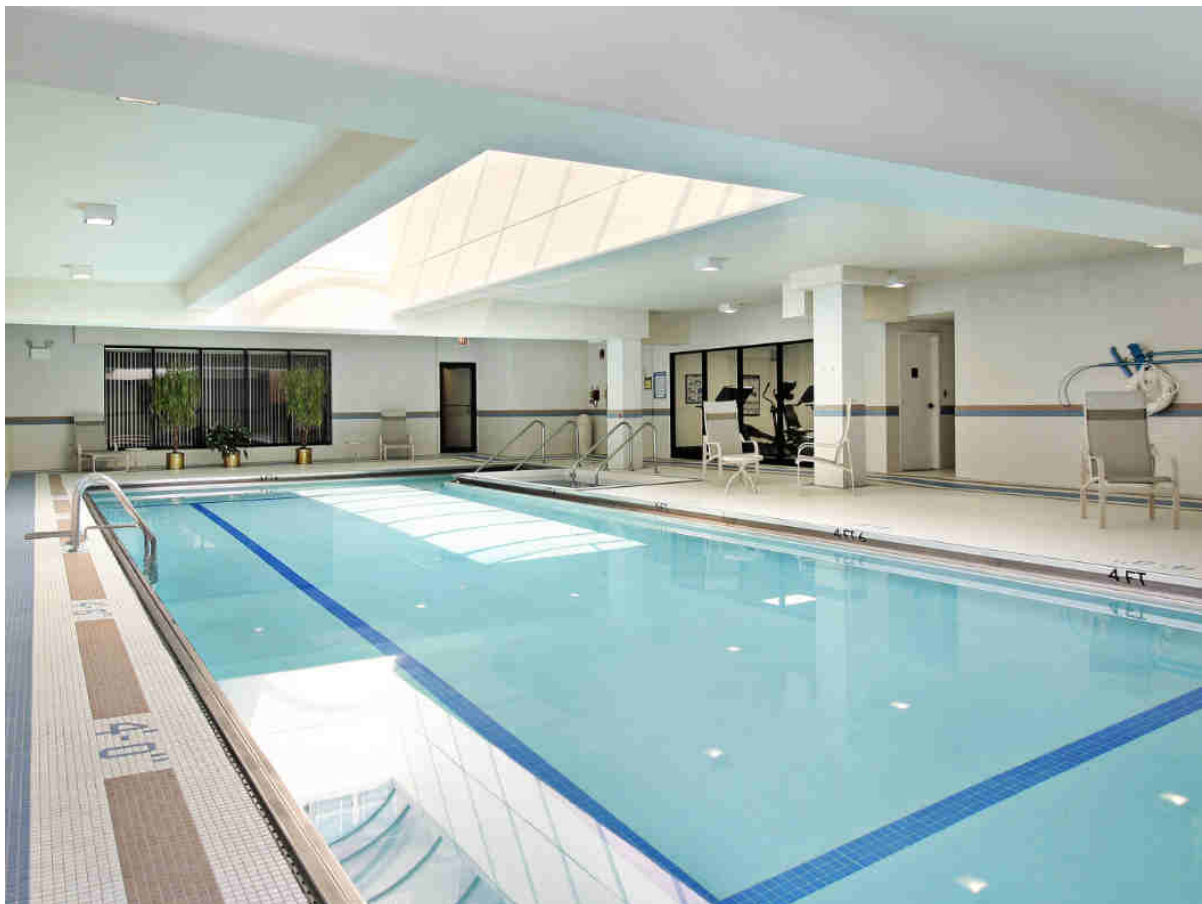
[www.espdrywall.co.uk](http://www.espdrywall.co.uk)



**01753 306 050**



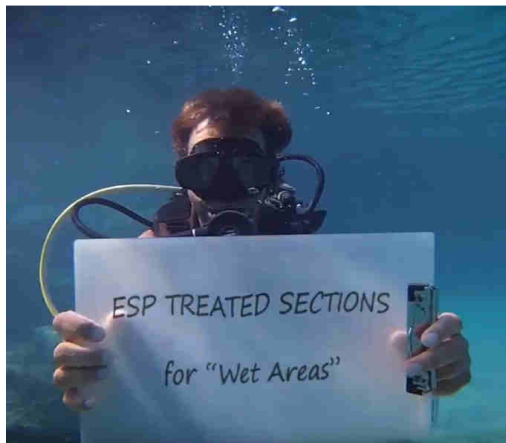
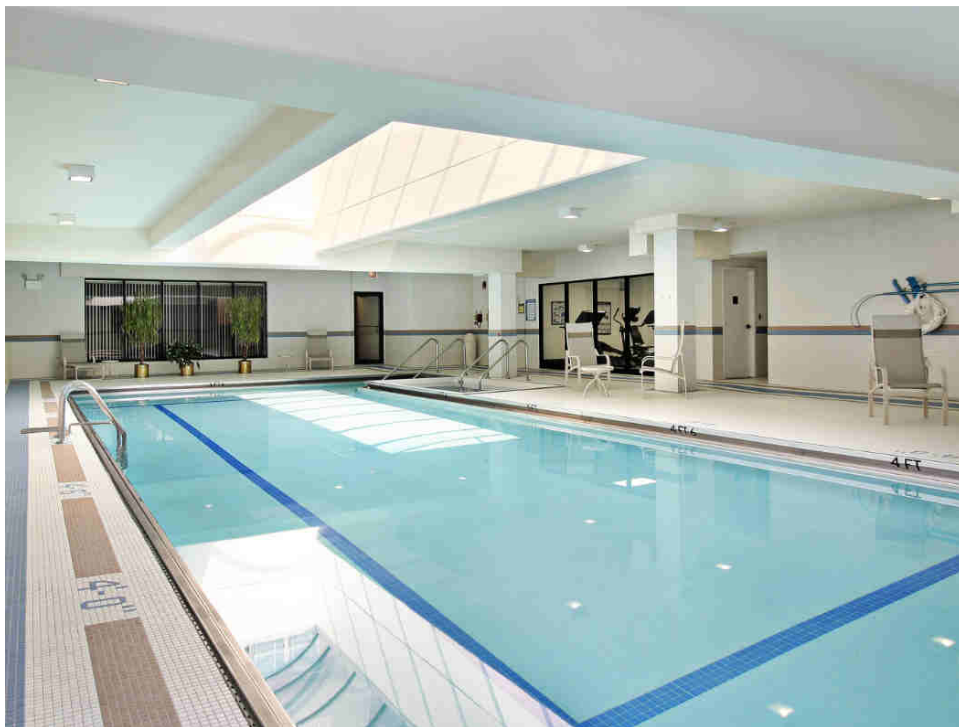
[info@espdrywall.co.uk](mailto:info@espdrywall.co.uk)



# Introduction

*For residential, industrial and commercial use, the ESP Treated sections are ideal for use in wet areas, such as swimming pools through to providing an external Soffit Solution for both partially exposed (such as car parks) to totally exposed canopy.*

*Our ESP treated sections provide the perfect solution for dry lining environments that are exposed to moisture. All sections are treated metal components coated to achieve a C3 and C5 class for corrosion resistance, in accordance to EN 13964:2004 table 7 and 8 class C & D thereby making them suitable for indoor areas with high humidity.*



## **BENEFITS**

- ❖ All components are designed for a simple assembly and adjustments can always be made to create the voids suitable to receive services.
- ❖ C3 and C5 class for corrosion resistance.
- ❖ Technical support team to assist with design solutions.

# Treated Sections

## Benefits

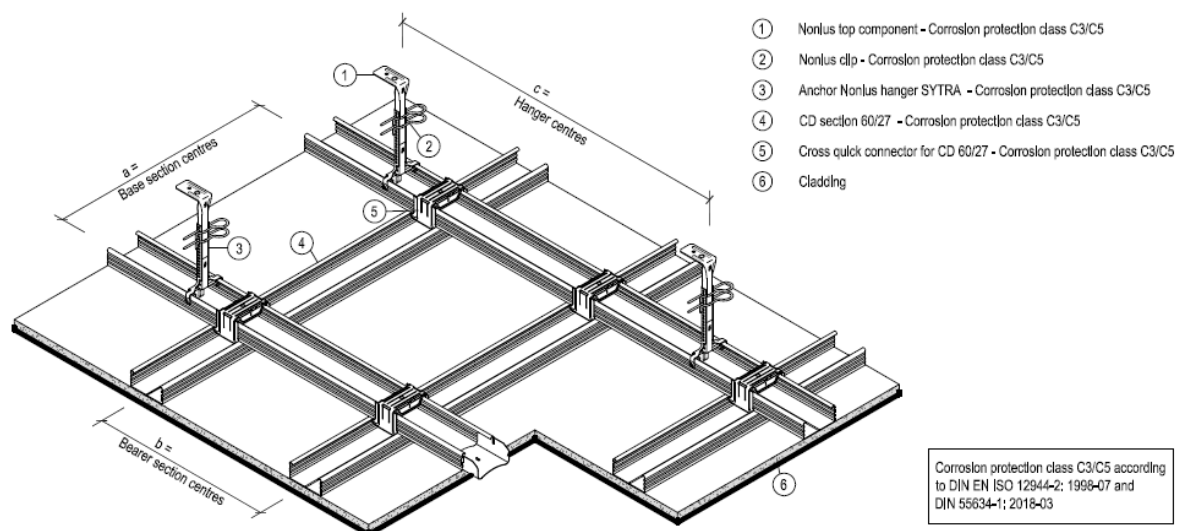
*At ESP we manufacture quality metal components, coated to achieve C3 and C5 class for corrosion resistance, making them an effective solution suitable for indoor areas with high humidity and effective solutions that are ideal for use in wet areas.*

## Simple installation

*Our treated sections are easy to construct and install and with a wealth of experience in manufacturing and distribution, our team of experts provide professional advice and design solutions for all of our bespoke drywall metal systems and products available for the UK and Europe.*

## Section Details

*Dimensions are subject board specification and fixing centre and wind loading.  
Please call our sales team for more details.*



## Standards

*ESP profiles and accessories are available for corrosion protection classes C3 to C5.  
The data as defined in EN13964: 2004 as following defines the different corrosive category.*

Table 7 (classes of exposure)  
Class C and Class D, see detail following.

Table 8 (classes of corrosion protection of metal substructure...)  
Class C (we reference C3) and  
Class D (We reference C5, with additional coating).

### **Table 7 (classes of exposure)**

#### **Class A**

Building components generally exposed to varying relative humidity up to 70 % and varying temperatures up to 25° C but without corrosive pollutants.

#### **Class B**

Building components frequently exposed to varying relative humidity up to 90 % and varying temperature up to 30° C but without corrosive pollutants.

#### **Class C**

Building components exposed to an atmosphere with a level of humidity higher than 90 % and accompanied by a risk of condensation.

#### **Class D**

More severe than the above. (Example: swimming pool or laboratory)

### **Table 8 (classes of corrosion protection of metal substructure...)**

#### **Class C (our reference C3)**

Products with a continuously hot-dip metal coating Z100, ZA095 or AZ100 according to prEN 10327

with additional organic coating of 20 µm per face.

Products with electroplated zinc coating flat according to EN 10152 with additional organic coating as follows:

ZE25/25 + 60 µm per face,

ZE100/100 + 40 µm per face.

#### **Class D (our reference C5)**

Special measures depending on use

and corrosion action. Minimum

corrosion protection according to

Class C. Additional measures as required

See detail in EN 12944-5. 2 coat treatment.

Minimum 80 µm + 160 µm per face



# European Steel Profiles

[www.espdrywall.co.uk](http://www.espdrywall.co.uk)

01753 30 60 50 | [sales@espdrywall.co.uk](mailto:sales@espdrywall.co.uk)

