



DOP N°3, 13
1166

Astron Buildings S.A., 34 Route d'Ettelbruck,
L-9230 Diekirch
Astron Buildings s.r.o., Kojetínská 3228,
CZ-750 02 Přerov
12
1166-CPR-0153 (Diekirch)
1166-CPR-0181 (Prerov)

EN1090-1

Primary Structure

Tolerances on geometrical data:

EN 1090-2, class 1

Weldability:

As per EN 10025 , EN 10219, list see description

Bracing rods: NPD

Fracture toughness:

As per EN 10025-2, EN 10219, list see description

Bracing rods: 27 Joules at 20°C

Reaction to fire:

Material classified class A1

Release of cadmium:

NPD

Emission of radioactivity:

NPD

Durability:

Minimum "C2 high", for other see description

Structural characteristics:

Design:

As per Eurocodes and National Annexes of destination
country (see design calculation note)

Fatigue strength:

NPD, crane beams/brackets as per EN 1993-6

Resistance to fire:

NPD

Manufacturing:

EXC2 and/or EXC3 as per EN 1090-2
(see design calculation note)



DOP N°2, 4, 12
1166

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EN1090-1

Secondary Structure

Tolerances on geometrical data:

EN 1090-2, thickness as per EN 10143 special tolerances

Weldability:

NPD

Fracture toughness:

NPD

Reaction to fire:

Material classified Class A1

Release of cadmium:

NPD

Emission of radioactivity:

NPD

Durability:

Z275 as per EN 10346

Structural characteristics:

Load bearing capacity:

As per Eurocodes and National Annexes of destination
country (see design calculation note)

Fatigue strength:

NPD

Resistance to fire:

NPD

Manufacturing:

EXC2 and/or EXC3 as per EN 1090-2
(see design calculation note)