



Construction Products  
Regulation  
(305/2011/EU)

**DUOFOR**

smart building.

**DECLARATION OF PERFORMANCE (DOP)**

Nr. 04/2016/516Z

1. Unique identification code of the product-type:  
**DF16 Duofor® Dovetailed sheet 516Z**
  
2. Intended use/es:  
**Cold-rolled, hot-dipped galvanized steel dovetailed sheets, with the application of formwork and reinforcement of thin lightweight concrete floors on wooden, steel or other supporting structures**
  
3. Manufacturer:  
**Duofor B.V.**  
**Postbus 182**  
**5100 AD Dongen**  
**Nederland**
  
4. Authorised representative:  
**N.v.t.**
  
5. System/s of AVCP:  
**Systeem 2+**
  
- 6a. Harmonised standard:  
**EN 1090-1:2009+A1:2011**  
  
Notified body/ies:  
**TüV Nederland QA B.V.**  
**Ekkersrijt 4401**  
**5692 DL SON EN BREUGEL**  
**Identificatienummer 1231-CPR-1090-1-2400-C-247**

## DECLARATION OF PERFORMANCE (DOP)

Nr. 04/2016/516Z

## 7. Declared performance/s:

Essential Features	Performances
Tolerances on dimensions and shape of the dovetailed sheet	Width sheet: + or - 0,01*w Height: + or -1mm Big flange width: +4 mm or -1mm Small flange: +4 mm or -1mm Radius: + /-2 mm.
Weldability	NPD
Fracture Toughness	NPD
Resistance to impact	NPD
Loadbearing capacity of the sheet at a span of 1200mm including a calculated center load of 1,5 kN: <ul style="list-style-type: none"> <li>- Single span max. 2,15kN/m<sup>2</sup></li> <li>- Double span max. 3,1kN/m<sup>2</sup></li> <li>- Multiple span max. 2,9kN/m<sup>2</sup></li> </ul>	Max 2,15 kN/m <sup>2</sup> Max 3,10 kN/m <sup>2</sup> Max 2,90 kN/m <sup>2</sup>
Sheet with mortar ( $h_t \geq 50\text{mm}$ ) in case of single-, double and multiple span	Klasse A t/m D $q_k 5\text{kN/m}^2$ en $Q_k 7\text{kN}$ .
Deformation during execution	Max 1/150L
Brandwerendheid	NPD
Fire resistance	A1
Release of cadmium and its compounds	NPD
Radiation	NPD
Durability	S320GD+Z275
Execution class	EXC1, EXC2 and EXC3

8. The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

E.J. Pieters , director

At Dongen on 29-06-2020

