

Prestatieverklaring

overeenkomstig bijlage III van Verordening (EU) nr. 305/2011 (Construction Products Regulation)
IMS_DOP_01.03

Unieke identificatiecode van het producttype:	S235/ S275/ S355/ S450
Kwaliteit:	JR/ J0/ J2/ K2
Identificatie van het bouwproduct:	Warmgewalste producten van constructiestaal conform EN 10025-1:2004
Beoogde gebruik van het bouwproduct:	In constructies van metaal of van constructies samengesteld van metaal en beton
Naam en contactadres Fabrikant:	IMS Nederland B.V., Gildenweg 21, 3334 KC Zwijndrecht, Nederland
Systeem voor de beoordeling en verificatie van de prestatiebestendigheid:	Systeem 3a
Activiteit van de aangemelde certificatie instantie:	De aangemelde certificatie instantie TUV Nederland QA B.V. heeft onder systeem 3a de initiële inspectie van de productie installatie uitgevoerd en de permanente bewaking, beoordeling en evaluatie van de productiecontrole op zich genomen. Op basis hiervan is conformiteitscertificaat 1231-CPR-1090-1-2400-A-431 verstrekt.
Prestaties:	Zie bijlage A

De prestaties van de bij "Unieke identificatie code van het product type" omschreven product zijn conform aangegeven prestaties in bijlage A. Deze prestatieverklaring wordt verstrekt onder de exclusieve verantwoordelijkheid van de fabrikant IMS Nederland B.V.

EG Conformiteitsverklaring

Ondergetekende, gevolmachtigde namens IMS Nederland B.V., verklaart dat het in de punten 1 en 2 omschreven product op grond van de Verordening Bouwproducten (305/2011/EU) voldoet aan de eisen van Annex ZA.1 van EN 10025-1:2004.

Naam en functie:	J.D. den Hollander, CEO
Plaats en datum van afgifte:	Zwijndrecht, 03-12-2024
Handtekening:	

Bijlage A

Essentiële kenmerken	Prestaties											Geharmoniseerde technische specificaties volgens EN10025-2:2004																																																																																																																													
Toleranties op vorm en afmeting	EN 10017 Non-alloy steel rod for drawing and/or cold rolling – Dimensions and tolerances EN 10024 Hot rolled taper flange I sections – Tolerances on shape and dimensions EN 10029 Hot rolled steel plates 3 mm thick or above – Tolerances on dimensions, shape and mass EN 10034 Structural steel I and H sections – Tolerances on shape and dimensions EN 10048 Hot rolled narrow steel strip – Tolerances on dimensions and shape EN 10051 Continuously hot-rolled uncoated plate, sheet and strip of non-alloy and alloy steels – Tolerances on dimensions and shape EN 10055 Hot-rolled steel equal flange tees with radiused root and toes – Dimensions and tolerances on shape and dimensions EN 10056-1 Structural steel equal and unequal leg angles – Part 1: Dimensions EN 10056-2 Structural steel equal and unequal leg angles – Part 2: Tolerances on shape and dimensions EN 10058 Hot rolled flat steel bars for general purposes – Dimensions and tolerances on shape and dimensions EN 10059 Hot rolled square steel bars for general purposes – Dimensions and tolerances on shape and dimensions EN 10060 Hot rolled round steel bars for general purposes – Dimensions and tolerances on shape and dimensions EN 10061 Hot rolled hexagon steel bars for general purposes – Dimensions and tolerances on shape and dimensions. EN 10067 Hot rolled bulb flats – Dimensions and tolerances on shape, dimensions and mass EN 10162 Cold rolled steel sections – Technical delivery conditions – Dimensional and cross-sectional tolerances EN 10279 Hot rolled steel channels – Tolerances on shape and dimensions											Art. 7.7.1																																																																																																																													
Breukrek (%)	<table><tr><th rowspan="2">Type & kwaliteit</th><th rowspan="2">Positie van de teststukken</th><th colspan="5">L₀ = 80 mm Nominale dikte mm</th><th colspan="6">L₀ = 5,65 √S₀ Nominale dikte mm</th></tr><tr><th>≤ 1</th><th>> 1 ≤ 1,5</th><th>> 1,5 ≤ 2</th><th>> 2 ≤ 2,5</th><th>> 2,5 ≤ 3</th><th>≥ 3 ≤ 40</th><th>> 40 ≤ 63</th><th>> 63 ≤ 100</th><th>> 100 ≤ 150</th><th>> 150 ≤ 250</th><th>> 250c ≤ 400</th></tr><tr><td>S235JR/J0</td><td>I</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>26</td><td>25</td><td>24</td><td>22</td><td>21</td><td>-</td></tr><tr><td>S235J2</td><td>t</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>24</td><td>23</td><td>22</td><td>22</td><td>21</td><td>21 (l&t)</td></tr><tr><td>S275JR/J0</td><td>I</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>23</td><td>22</td><td>21</td><td>19</td><td>18</td><td>-</td></tr><tr><td>S275J2</td><td>t</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>21</td><td>20</td><td>19</td><td>19</td><td>18</td><td>18 (l&t)</td></tr><tr><td>S355JR/J0</td><td>I</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>22</td><td>21</td><td>20</td><td>18</td><td>17</td><td>-</td></tr><tr><td>S355J2</td><td>t</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>22</td><td>21</td><td>20</td><td>18</td><td>17</td><td>17 (l&t)</td></tr><tr><td>S355K2</td><td>t</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>20</td><td>19</td><td>18</td><td>18</td><td>17</td><td>17 (l&t)</td></tr><tr><td>S450J0</td><td>I</td><td>-</td><td>-</td><td>-</td><td>-</td><td>-</td><td>17</td><td>17</td><td>17</td><td>17</td><td>-</td><td>-</td></tr></table>	Type & kwaliteit	Positie van de teststukken	L ₀ = 80 mm Nominale dikte mm					L ₀ = 5,65 √S ₀ Nominale dikte mm						≤ 1	> 1 ≤ 1,5	> 1,5 ≤ 2	> 2 ≤ 2,5	> 2,5 ≤ 3	≥ 3 ≤ 40	> 40 ≤ 63	> 63 ≤ 100	> 100 ≤ 150	> 150 ≤ 250	> 250c ≤ 400	S235JR/J0	I	17	18	19	20	21	26	25	24	22	21	-	S235J2	t	15	16	17	18	19	24	23	22	22	21	21 (l&t)	S275JR/J0	I	15	16	17	18	19	23	22	21	19	18	-	S275J2	t	13	14	15	16	17	21	20	19	19	18	18 (l&t)	S355JR/J0	I	14	15	16	17	18	22	21	20	18	17	-	S355J2	t	14	15	16	17	18	22	21	20	18	17	17 (l&t)	S355K2	t	12	13	14	15	16	20	19	18	18	17	17 (l&t)	S450J0	I	-	-	-	-	-	17	17	17	17	-	-	Art. 7.3.1 Tabel 7							
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Duurzaamheid	<table><tr><th rowspan="2">Type & kwaliteit</th><th rowspan="2">Method of dioxidation</th><th colspan="3">C % max Nominale dikte (mm)</th><th rowspan="2">Si % max</th><th rowspan="2">Mn % max</th><th rowspan="2">P % max</th><th rowspan="2">S % max</th><th rowspan="2">N % max</th><th rowspan="2">Cu % max</th><th rowspan="2">Other % max</th></tr><tr><th>≤ 16</th><th>> 16 ≤ 40</th><th>> 40</th></tr><tr><td>S235JR</td><td>FN</td><td>0.19</td><td>0.19</td><td>0.23</td><td>-</td><td>1.50</td><td>0.045</td><td>0.045</td><td>0.014</td><td>0.60</td><td>-</td></tr><tr><td>S235J0</td><td>FN</td><td>0.19</td><td>0.19</td><td>0.19</td><td>-</td><td>1.50</td><td>0.040</td><td>0.040</td><td>0.014</td><td>0.60</td><td>-</td></tr><tr><td>S235J2</td><td>FF</td><td>0.19</td><td>0.19</td><td>0.19</td><td>-</td><td>1.50</td><td>0.035</td><td>0.035</td><td>-</td><td>0.60</td><td>-</td></tr><tr><td>S275JR</td><td>FN</td><td>0.24</td><td>0.25</td><td>0.25</td><td>-</td><td>1.60</td><td>0.045</td><td>0.045</td><td>0.014</td><td>0.60</td><td>-</td></tr><tr><td>S275J0</td><td>FN</td><td>0.21</td><td>0.21</td><td>0.21</td><td>-</td><td>1.60</td><td>0.040</td><td>0.040</td><td>0.014</td><td>0.60</td><td>-</td></tr><tr><td>S275J2</td><td>FF</td><td>0.21</td><td>0.21</td><td>0.21</td><td>-</td><td>1.60</td><td>0.035</td><td>0.035</td><td>-</td><td>0.60</td><td>-</td></tr><tr><td>S355JR</td><td>FN</td><td>0.27</td><td>0.27</td><td>0.27</td><td>0.60</td><td>1.70</td><td>0.045</td><td>0.045</td><td>0.014</td><td>0.60</td><td>-</td></tr><tr><td>S355J0</td><td>FN</td><td>0.23</td><td>0.23</td><td>0.24</td><td>0.60</td><td>1.70</td><td>0.040</td><td>0.040</td><td>0.014</td><td>0.60</td><td>-</td></tr><tr><td>S355J2/K2</td><td>FF</td><td>0.23</td><td>0.23</td><td>0.24</td><td>0.60</td><td>1.70</td><td>0.035</td><td>0.035</td><td>-</td><td>0.60</td><td>-</td></tr><tr><td>S450J0</td><td>FF</td><td>0.23</td><td>0.23</td><td>0.24</td><td>0.60</td><td>1.80</td><td>0.040</td><td>0.040</td><td>0.027</td><td>0.60</td><td>-</td></tr></table>	Type & kwaliteit	Method of dioxidation	C % max Nominale dikte (mm)			Si % max	Mn % max	P % max	S % max	N % max	Cu % max	Other % max	≤ 16	> 16 ≤ 40	> 40	S235JR	FN	0.19	0.19	0.23	-	1.50	0.045	0.045	0.014	0.60	-	S235J0	FN	0.19	0.19	0.19	-	1.50	0.040	0.040	0.014	0.60	-	S235J2	FF	0.19	0.19	0.19	-	1.50	0.035	0.035	-	0.60	-	S275JR	FN	0.24	0.25	0.25	-	1.60	0.045	0.045	0.014	0.60	-	S275J0	FN	0.21	0.21	0.21	-	1.60	0.040	0.040	0.014	0.60	-	S275J2	FF	0.21	0.21	0.21	-	1.60	0.035	0.035	-	0.60	-	S355JR	FN	0.27	0.27	0.27	0.60	1.70	0.045	0.045	0.014	0.60	-	S355J0	FN	0.23	0.23	0.24	0.60	1.70	0.040	0.040	0.014	0.60	-	S355J2/K2	FF	0.23	0.23	0.24	0.60	1.70	0.035	0.035	-	0.60	-	S450J0	FF	0.23	0.23	0.24	0.60	1.80	0.040	0.040	0.027	0.60	-	Art. 7.2 & 7.4.3 Tabel 4
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