Safety System Products

Pendulum Impact Test

In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 01.07.2020	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Tension strips and foam rubber around the perimeter
	Infill:	Steel sheet 1mm convex
	Dimensions:	Width: 1318mm Height: 2205mm
	Mounting:	Floor mounting with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	3,2m/s
	Mass of Impact Body:	90kg
	Impact Energy:	460J
	Impact Height:	1300mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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Safety System Products

Pendulum Impact Test

In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 01.07.2020	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 4x PL3 Fastening (2x per side), with tension strips around the perimeter
	Infill:	Polycarbonate 3mm, Welding guard
	Dimensions:	Width: 1318mm Height: 2205mm
	Mounting:	Floor mounting with 2x70x100 mm and 2x100x100 mm aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	2,3m/s
	Mass of Impact Body:	90kg
	Impact Energy:	230J
	Impact Height:	1300mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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Safety System Products

Pendulum Impact Test

In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 08.04.2016	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Tension strips around the perimeter
	Infill:	Tempered safety glass 5mm
	Dimensions:	Width: 1000mm Height: 2005mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100mm and 2x100x00mm aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	1,6m/s
	Mass of Impact Body:	90kg
	Impact Energy:	115J
	Impact Height:	1300mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised	

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Pendulum Impact Test

In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 08.04.2016	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Tension strips around the perimeter
	Infill:	Aluminium composite panel 4mm
	Dimensions:	Width: 1068mm Height: 2205mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	1,6m/s
	Mass of Impact Body:	90kg
	Impact Energy:	115J
	Impact Height:	1300mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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Safety System Products

Pendulum Impact Test

In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 17.11.2020	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks PL3
	Infill:	Spot welded grid 40x40x3,0mm
	Dimensions:	Width: 1463mm Height: 2205mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	3,2m/s
	Mass of Impact Body:	90kg
	Impact Energy:	460J
	Impact Height:	1500mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised	

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Pendulum Impact Test

In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 17.11.2020	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks PL3
	Infill:	Spot welded grid 40x40x3,0mm
	Dimensions:	Width: 1463mm Height: 2205mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	4,43m/s
	Mass of Impact Body:	90kg
	Impact Energy:	882J
	Impact Height:	1500mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The upright profiles were slightly bent and must be replaced after the impact. The integrity of the safety fence is not compromised.	

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Pendulum Impact Test

In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 08.04.2016	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks PL3
	Infill:	Spot welded grid 40x40x3,5mm
	Dimensions:	Width: 1544mm Height: 2205mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Side:	3,2m/s
	Mass of Impact Body:	90kg
	Impact Energy:	460J
	Impact Height:	1300mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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Pendulum Impact Test

In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 08.04.2016	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks PL3 and tension strips around the perimeter
	Infill:	Polycarbonate 5mm
	Dimensions:	Width: 1568mm Height: 2205mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	3,2m/s
	Mass of Impact Body:	90kg
	Impact Energy:	460J
	Impact Height:	1300mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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Pendulum Impact Test

In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 21.08.2019	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line pro
	Design:	Aluminium profile 34x35 with 2x posts 44x66 4x PL3 Fastening (2x per side), tension strips around the perimeter
	Infill:	Polycarbonate 4mm
	Dimensions:	Width: 1500mm Height: 2200mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside the panel
	Impact Velocity:	1,6m/s
	Mass of Impact Body:	90kg
	Impact Energy:	706J
	Impact Height:	1500mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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Pendulum Impact Test

In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 21.08.2019	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line pro
	Design:	Aluminium profile 34x35 with 2x posts 44x66 4x PL3 Fastening (2x per side), tension strips around the perimeter.
	Infill:	Polycarbonate 4mm
	Dimensions:	Width: 1000mm Height: 2200mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside the panel
	Impact Velocity:	3,2m/s
	Mass of Impact Body:	90kg
	Impact Energy:	460J
	Impact Height:	1500mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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Pendulum Impact Test

In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 21.08.2019	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line pro
	Design:	Aluminium profile 34x35 with 2x posts 44x66 4x PL3 Fastening (2x per Side), tension strips around the perimeter
	Infill:	Polycarbonate 4mm
	Dimensions:	Width: 2000mm (2x1m Width) Height: 2200mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside the panel
	Impact Velocity:	4m/s
	Mass of Impact Body:	90kg
	Impact Energy:	706J
	Impact Height:	1200mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill; however, two floor-mounting brackets were fractured. The panel remains standing; however, these components must be replaced after such an impact. Nevertheless, the integrity of the safety fence is not compromised.	

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Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 21.08.2019	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line pro
	Design:	Aluminium profile 34x35 with 2x posts 44x66 4x PL3 Fastening (2x per side), tension strips around the perimeter
	Infill:	Polycarbonate 4mm
	Dimensions:	Width: 2000mm (2x1m width) Height: 2200mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside the panel
	Impact Velocity:	3,2m/s
	Mass of Impact Body:	90kg
	Impact Energy:	460J
	Impact Height:	1500mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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Testing Institute	SSP Safety System Products GmbH & Co. KG		
Test Location / Date	Spaichingen / 17.11.2020		
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG	
	Test Object Type:	Lifting Gate	
	Design:	Aluminium profile 44x44 / 44x88 / 88x88 tension strips around the perimeter	
	Infill:	Polycarbonate 4mm / Aluminium composite 4mm	
	Dimensions:	Clear Opening Width: Width: Height:	5000mm 5176mm 2200mm
	Mounting:	External fastening to the hall upright using 4 screw clamps	
Test Scope	Impact Body:	Sandbag	
	Impact Side:	Outside the panel	
	Impact Velocity:	1,6m/s	
	Mass of Impact Body:	90kg	
	Impact Energy:	115J	
	Impact Height:	1500mm	
Test Results	The lifting gate absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the lifting gate is not compromised.		

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In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG		
Test Location / Date	Spaichingen / 17.11.2020		
Test Location / Date	Manufacturer:	SSP Safety System Products GmbH & Co. KG	
	Test Object Type:	Lifting Gate	
	Design:	Aluminium profile 44x44 / 44x88 / 88x88 tension strips around the perimeter	
	Infill:	Polycarbonate 4mm / Aluminium composite 4mm	
	Dimensions:	Clear Opening Width: Width: Height:	5000mm 5176mm 2200mm
	Mounting:	External fastening to the hall upright using 4 screw clamps	
Test Scope	Impact Body:	Sandbag	
	Impact Side:	Outside the panel	
	Impact Velocity:	3,2m/s	
	Mass of Impact Body:	90kg	
	Impact Energy:	460J	
	Impact Height:	1500mm	

Test Results

The lifting gate absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The lower left roller guide has jumped out of its track. However, the gate still provides sufficient retaining force and cannot be bypassed or penetrated. The integrity of the lifting gate is not compromised. It must be ensured, however, that after an impact of this magnitude, the lifting gate is fully serviced and realigned.

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In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 08.04.2016	
Test Location / Date	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	SE panel (quick-release panel) Flex-Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks PL3
	Infill:	Spot welded grid 40x40x3,5mm
	Dimensions:	Width: 1000mm Height: 2205mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	1,6m/s
	Mass of Impact Body:	90kg
	Impact Energy:	115J
	Impact Height:	1300mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 08.04.2016	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Easy Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks NL2
	Infill:	Spot welded grid 40x40x3,5
	Dimensions:	Width: 1568mm Height: 2205mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	3,2m/s
	Mass of Impact Body:	90kg
	Impact Energy:	460J
	Impact Height:	1300mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. The U-profiles were plastically deformed. The elastic deformation of the entire panel amounted to 280 mm. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 15.02.2021	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Easy Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks PL3
	Infill:	Spot welded grid 30x30x3,0mm
	Dimensions:	Width: 1544mm Height: 2505mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	1,6m/s
	Mass of Impact Body:	90kg
	Impact Energy:	115J
	Impact Height:	1500mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 15.02.2021	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Easy Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks PL3
	Infill:	Spot welded grid 30x30x3,0mm
	Dimensions:	Width: 1544mm Height: 2505mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	3,2m/s
	Mass of Impact Body:	90kg
	Impact Energy:	460J
	Impact Height:	1500mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. The U-profiles were plastically deformed and must be replaced after the impact. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 15.02.2021	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Easy Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks PL3
	Infill:	Spot welded grid 40x40x3,0mm
	Dimensions:	Width: 1544mm Height: 2505mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	1,6m/s
	Mass of Impact Body:	90kg
	Impact Energy:	115J
	Impact Height:	1500mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 15.02.2021	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks PL3
	Infill:	Spot welded grid 40x40x3,0mm
	Dimensions:	Width: 1544mm Height: 2505mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	3,2m/s
	Mass of Impact Body:	90kg
	Impact Energy:	460J
	Impact Height:	1500mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The upright profiles were slightly bent and must be replaced after the impact. The integrity of the safety fence is not compromised	

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In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 15.02.2021	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks PL3
	Infill:	Spot welded grid 30x30x3,0mm
	Dimensions:	Width: 1544mm Height: 2505mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	1,6m/s
	Mass of Impact Body:	90kg
	Impact Energy:	115J
	Impact Height:	1500mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised	

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Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 15.02.2021	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks PL3
	Füllung:	Spot welded grid 30x30x3,0mm
	Dimensions:	Width: 1544mm Height: 2505mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	3,2m/s
	Mass of Impact Body:	90kg
	Impact Energy:	460J
	Impact Height:	1500mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The upright profiles were slightly bent and must be replaced after the impact. The integrity of the safety fence is not compromised	

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SSP Safety System Products GmbH & Co. KG

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Safety System Products

Pendulum Impact Test

In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 15.02.2021	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks PL3
	Infill:	Spot welded grid 40x40x3,0mm
	Dimensions:	Width: 1544mm Height: 2505mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	1,6m/s
	Mass of Impact Body:	90kg
	Impact Energy:	115J
	Impact Height:	1500mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised	

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Safety System Products

Pendulum Impact Test

In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 15.02.2021	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Easy Line
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks PL3
	Infill:	Spot welded grid 40x40x3,0mm
	Dimensions:	Width: 1544mm Height: 2505mm
	Mounting:	Floor mounting using 10x90 anchor bolts with 2x70x100 and 2x100x100 aluminium floor brackets
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside of the panel
	Impact Velocity:	3,2m/s
	Mass of Impact Body:	90kg
	Impact Energy:	460J
	Impact Height:	1500mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. The U-profiles were plastically deformed and must be replaced after the impact. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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Safety System Products

Pendulum Impact Test

In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 15.02.2021	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line with adjustable feet 44x44mm
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks PL3
	Infill:	Spot welded grid 40x40x3,5mm
	Dimensions:	Width: 1044mm Height: 2210mm
	Mounting:	Floor mounting via two screw-on plates for adjustable feet, mounted on the outside of the panel
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside the panel
	Impact Velocity:	1,6m/s
	Mass of Impact Body:	90kg
	Impact Energy:	115J
	Impact Height:	1500mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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Pendulum Impact Test

In accordance with DIN EN ISO 14120:2016-05

Testing Institute	SSP Safety System Products GmbH & Co. KG	
Test Location / Date	Spaichingen / 15.02.2021	
Test Object	Manufacturer:	SSP Safety System Products GmbH & Co. KG
	Test Object Type:	Flex Line with adjustable feet 44x44mm
	Design:	Aluminium profile 44x44 with 2x posts 44x44 Netlocks PL3
	Infill:	Spot welded grid 40x40x3,5mm
	Dimensions:	Width: 1044mm Height: 2210mm
	Mounting:	Floor mounting via two screw-on plates for adjustable feet, mounted on the outside of the panel
Test Scope	Impact Body:	Sandbag
	Impact Side:	Outside the panel
	Impact Velocity:	3,2m/s
	Mass of Impact Body:	90kg
	Impact Energy:	460J
	Impact Height:	1500mm
Test Results	The fence panel absorbed the energy imparted by the pendulum impact body. There was no penetration of the infill and no other safety-relevant damage occurred. The integrity of the safety fence is not compromised.	

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