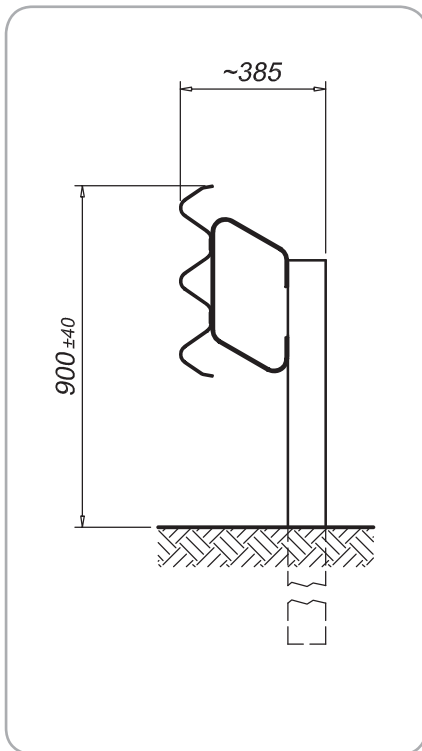


## SINGLE SIDED SAFETY BARRIER ON GROUND H2-W4-A (3n35975)



Performance	
Containment level	H2
Acceleration Severity Index "ASI"	A
Working width	W4 (1.30 m)
Extreme lateral position of the vehicle	1.70 m
Dynamic deflection	1.20 m

Characteristics	
Height out of ground	900 mm
Transversal overall dimensions	385 mm
Centre to centre between posts	1500 mm
Tested minimum length	67 m



### Description

Supply and installation of a 3-wave safety barrier, thickness 2,5 mm, C100x50x25x4,0 mm H= 1700 mm, fixed to ground every 1500 mm; spacers 407x201x5.9 mm L=80 mm, assembled with nuts and bolts and provided with reflectors.

S235JR-S275JR-S355JR steel quality according to EN 10025 EN 10025

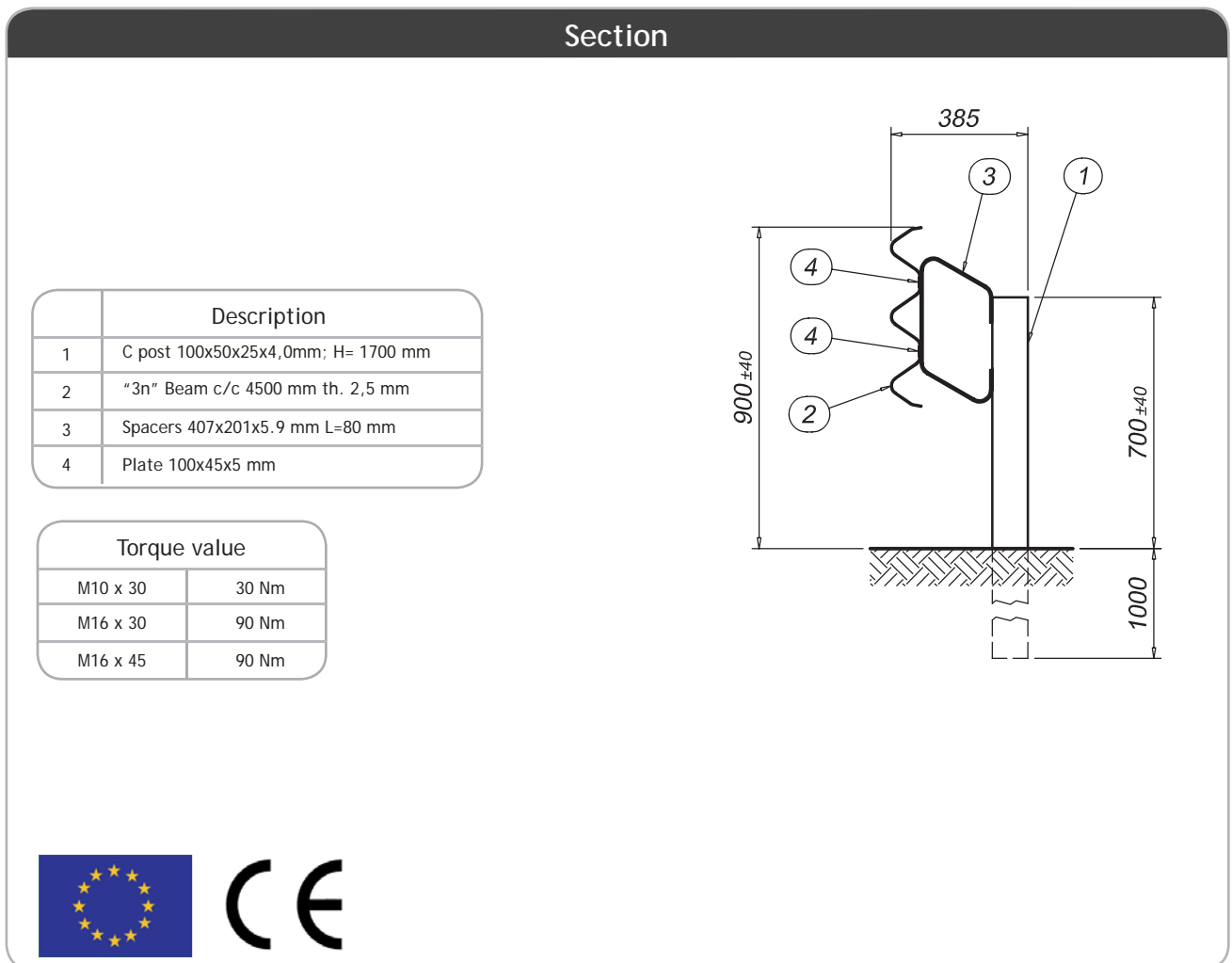
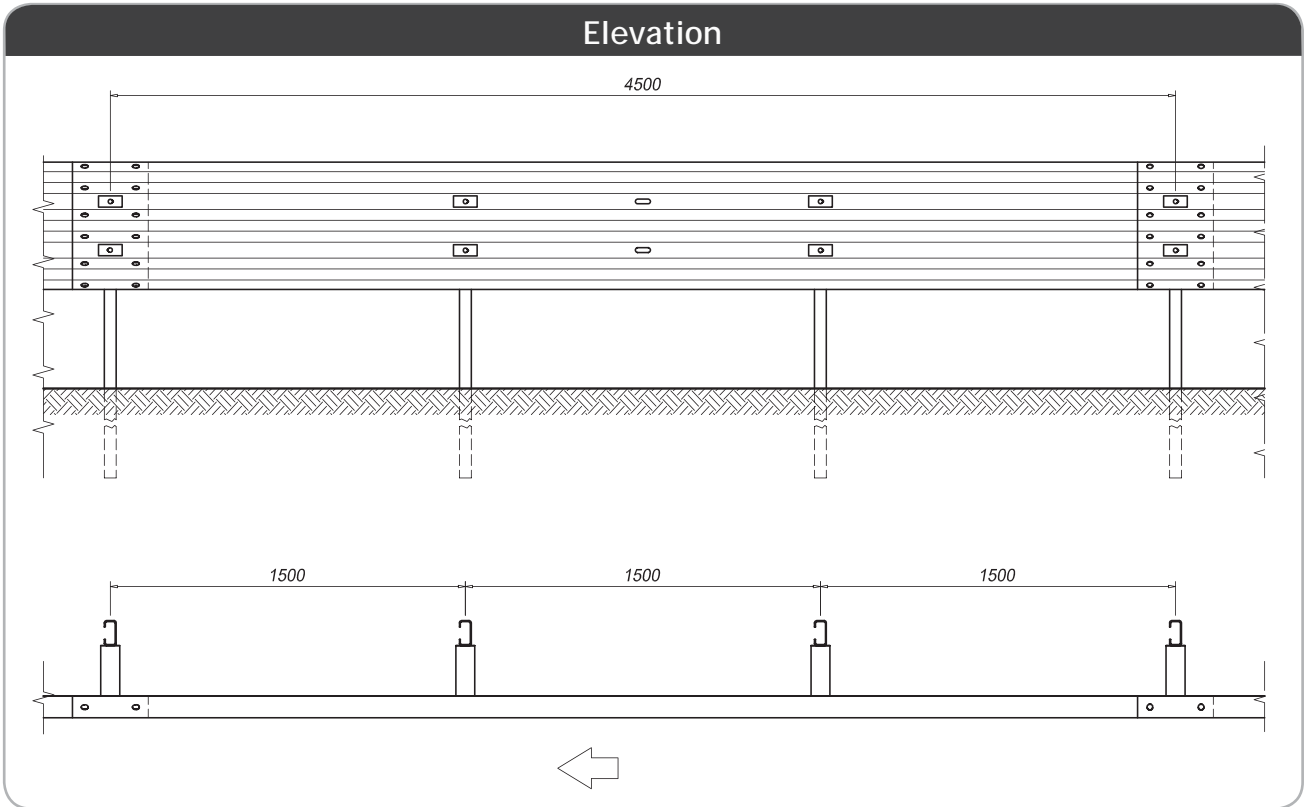
Hot dip galvanization according to UNI EN ISO 1461

Nuts and bolts according to UNI EN ISO 898-1, UNI EN 20898-2

The safety barrier has successfully passed the tests required by EN 1317, part 1 and 2.

Certificate CE n. 187/2131/CPD/2011

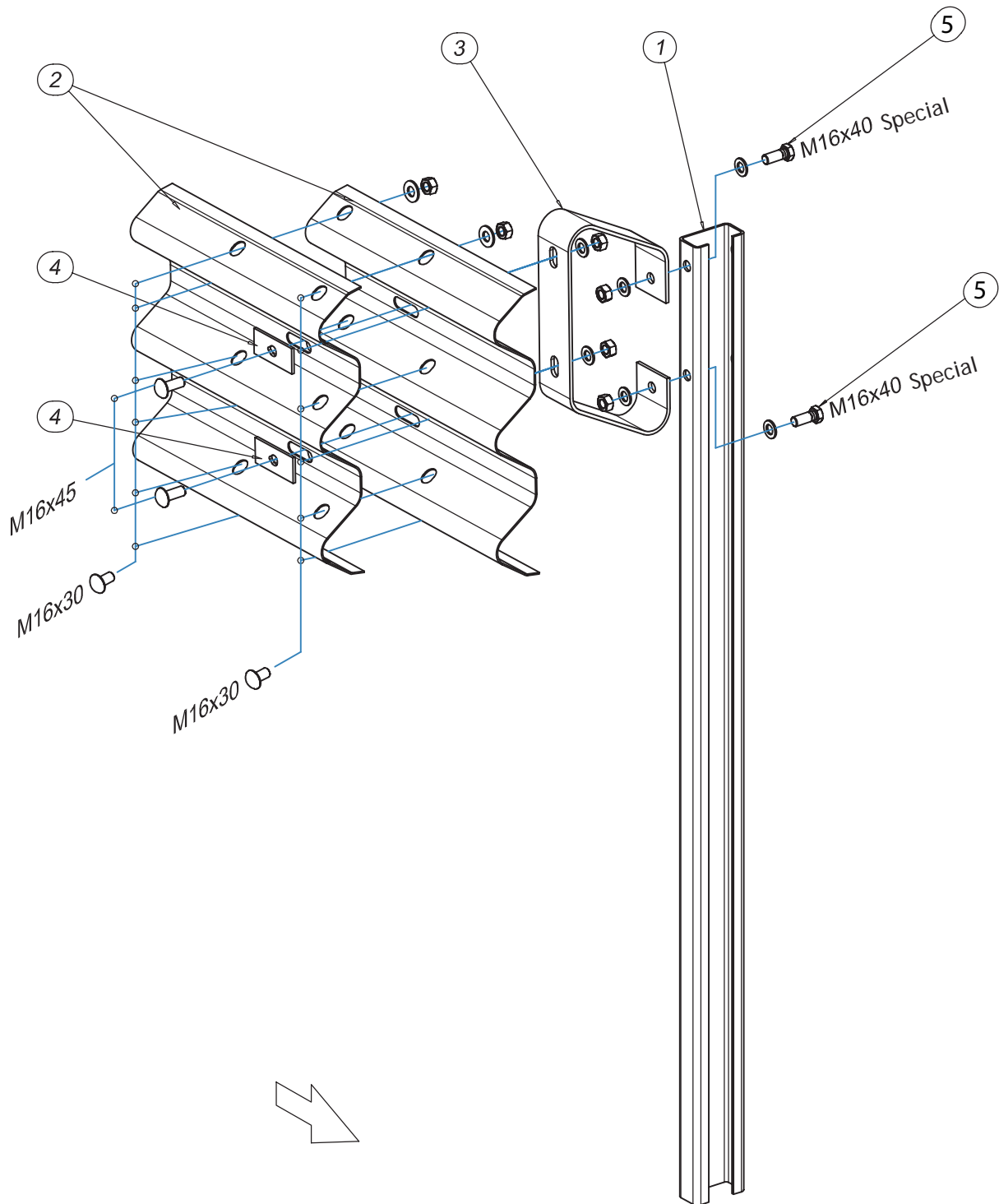




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**SINGLE SIDED SAFETY BARRIER ON GROUND H2-W4-A (3n35975)**



	Description
1	C post 100x50x25x4,0mm; H= 1700 mm
2	"3n" Beam c/c 4500 mm th. 2,5 mm
3	Spacers 407x201x5.9 mm L=80 mm
4	Plate 100x45x5 mm

Torque value	
M10 x 30	30 Nm
M16 x 30	90 Nm
M16 x 45	90 Nm



**3**



## INSTALLATION CRITERIA FOR BARRIER H2-W4-A 3n35975

Along with the general assembly instructions specified in the introduction chapter, please observe the following guidelines to install barrier 3n35975.

### Preliminary operations

Where installation is to be carried out in traffic, all necessary road signs must be set up in order to direct traffic and protect workers from vehicles, in accordance with safety regulations.

The parts making up the road barrier can be unloaded from the transport vehicles by means of a crane fitted to the vehicle, or forklift truck, in accordance with current safety regulations.

Workers must be supplied with all required equipment, including safety shoes, gloves and goggles and - where necessary - helmets, safety harnesses and all else specifically needed for the site and required by current safety regulations.

### Installation sequence

The assembly diagram provides instructions for correct barrier installation. Fully and completely follow these instructions.

#### Main steps:

1. Trace out a full line of reference on the ground, which will serve to align poles and beams.
2. Place the beams (2) along the traced line taking into account the direction of traffic
3. Poles "C" 100x50x25x4.0 mm h=1700 mm (1) are to be lifted vertically and planted in the ground 1000 mm deep at the holes in the top and spaced 1500 mm apart. A mechanical pile-driver is generally used. During this phase, please check: alignment and level of poles, distance between poles, that they are vertical, and distance from the embankment, all in accordance with the measurements and tolerances specified in the applicable drawing of reference.
4. Assemble the spacers (3) to the uprights (1) using the Special bolts M16x40 mm (5);
5. Assemble the beams (2) that have been laid on the ground, attaching them to the spacers (3) and themselves, by means of the bolts supplied and the set plates.
6. Use the calibrated pneumatic screwdrivers to fasten all nuts and bolts into place, checking levels and alignments.
7. Apply the identification product labels
8. Installation must always take place under the surveillance of a specialist technician, and in full compliance with the final drawing and current safety regulations.

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## Inspection of installation conformity

The technician responsible for the installation shall, at the very least, control conformity of the following, prior to beginning assembly, during work and upon conclusion, by using all measurement instruments necessary and in his possession:

1. Full compliance of the installation with the final drawings of reference.
2. Pole spacing and height of upper beam and current edge in accordance with that specified on the final drawings of the barrier, dilation joints and ends.
3. Length and alignment of the installation on the basis of the final drawings and the road layout and altimetry.
4. Final coupling bolt torque according to that set in the assembly diagram.
5. Apply the identification product labels
6. Compliance with all applicable safety regulations.

