



## Product technical sheet

# CASTILLO 3027-1



4 - 14 years



38 kids



43,1 m<sup>2</sup>



## Material specification

- Powder galvanized and powder coated or stainless steel construction of 80 x 80 mm profile,
- Platforms and climbing walls made of durable anti-slip and waterproof HPL plate,
- Roofs and side panels made of durable HDPE plate, resistant to weather conditions,
- Transparent polycarbonate panels with a weather-resistant print,
- Slides made of stainless steel with durable HDPE side panels,
- Drawing board made of durable HPL plate, resistant to weather conditions,
- Maze windows made of polycarbonate, balls made of synthetic material,
- Durable climbing stones made of polyester resin composite with mineral fillers,
- Steel ropes in polypropylene braid, connected with durable plastic elements, stainless steel or aluminum,
- Attested, safe seats,
- Calibrated stainless steel chains, preventing fingers entrapment,
- Stainless steel bars, ladders and handrails,
- Stainless steel screws and/or screws covered with plastic caps,
- Safe end caps on top of the structure made of rubber or polypropylene,



### Facilitating disability



easy access



shelters



integration



### Intellectual development



manipulation



thinking



### Physical development



hiding



sliding



rest



climbing



roofs





1

number of towers



2

number of slides



4

number of  
roofs

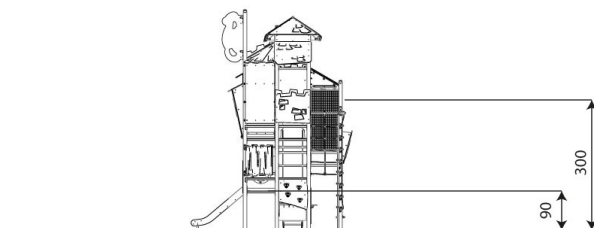
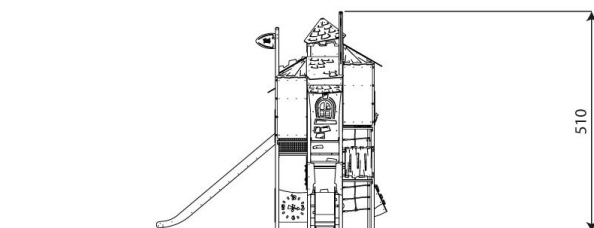
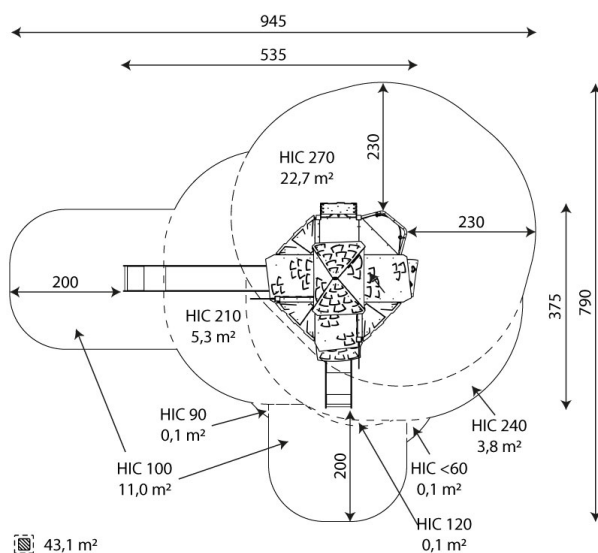
6

number of  
interactive elements



4

number of activity  
elements



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## Product data

|                                |                                                                                       |
|--------------------------------|---------------------------------------------------------------------------------------|
| Length                         | 535 cm                                                                                |
| Width                          | 375 cm                                                                                |
| Total height                   | 510 cm                                                                                |
| Age group                      | 4 - 14 years                                                                          |
| Number of users                | 38 kids                                                                               |
| Safety zone                    | 43,1 m2                                                                               |
| Free fall height               | 270 cm                                                                                |
| The height of the platforms    | 90, 120, 150, 180, 210, 240, 300 cm                                                   |
| slide platform height          | 90, 210 cm                                                                            |
| In accordance with norm EN     | 1176-1:2017                                                                           |
| Weight of the heaviest part    | 65 kg                                                                                 |
| Dimensions of the largest part | 8x8x510 cm                                                                            |
| Availability of spare parts    | YES                                                                                   |
| Installation time              | 7,5 h                                                                                 |
| Color options                  |  |

Data is subject to change without prior notice.

### Additional information

- equipment adapted for the disabled; intended for public playgrounds;
- equipment has a certificate issued by an accredited entity or a declaration of conformity;
- no sharp edges or chinks that would pose a danger of jimmie the head, fingers or any other body parts;
- anchoring on flat surface, 80/70 cm deep;
- slide should not be installed southwards;
- render is for reference only, the actual appearance of the equipment and its color may vary;

## Guarantee

30

30 year guarantee -  
Structural strength of steel  
and stainless steel  
components

15

15 year guarantee -  
Structural failure of steel  
and stainless steel, for  
dynamic equipment



10 year guarantee - Structural failure of high density polyethylene and high pressure laminates components



5 year guarantee - Corrosion of stainless steel and hot dip galvanized and powder coated components; against bark beetles and rot in case of wooden structural elements

Detailed information in the guarantee card

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## Surfaces according to EN 1176-1:2017

|                                 | Description (mm)             | Layer thickness (cm) | Maximum fall heights (cm) |
|---------------------------------|------------------------------|----------------------|---------------------------|
| Turf/ top layer of soil (A,B,C) | -                            | -                    | ≤100                      |
| bark (A,C)                      | Particle size from 20 to 80  | 30                   | ≤200                      |
|                                 |                              | 40                   | ≤300                      |
| woodchips (A,C)                 | Particle size from 5 to 30   | 30                   | ≤200                      |
|                                 |                              | 40                   | ≤300                      |
| sand or gravel (A,C)            | Particle size from 0,25 to 8 | 30                   | ≤200                      |
|                                 |                              | 40                   | ≤300                      |
| synthetic attested (A,B,C)      | Tested according to EN 1177  |                      | 270                       |

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### Amount of safe surface corresponding with free fall height:

|         |                     |
|---------|---------------------|
| HIC <60 | 0,1 m <sup>2</sup>  |
| HIC 90  | 0,1 m <sup>2</sup>  |
| HIC 100 | 11,0 m <sup>2</sup> |
| HIC 120 | 0,1 m <sup>2</sup>  |
| HIC 210 | 5,3 m <sup>2</sup>  |
| HIC 240 | 3,8 m <sup>2</sup>  |
| HIC 270 | 22,7 m <sup>2</sup> |

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