

Zeroquindici.015 & Ventiquattrore.H24 Collection

F.A.Q. – Treatments and Surfaces

Galvanising on steel

Diemmebi uses the hot-dip galvanising treatment to protect the painted steel elements. For any use in interior spaces, the products can be requested without hot-dip galvanising treatment.

Painting cycle on steel and aluminium

In the painting cycle, the company uses polyester powders suitable for outdoor use indistinctly for the indoor and outdoor versions.

Colourations and finishes

Glossy finish in the 015 series.

Embossed finish in the H24 series.

The standard RAL colours are available on the website. For custom paints see the customisations paragraph.

Are they corrosion-resistant?

The products have obtained the corrosion resistance standards UNI EN ISO 9227:2012. The laboratory test, conducted in a neutral salt spray chamber, certifies the strength of the material and surface coatings, simulating their behaviour in high-corrosion environments.

Naturally, the elements must not be scratched or vandalised, otherwise the damaged areas will start rusting.

Can the benches be installed in environments with hot or cold temperatures?

Yes, the benches have passed the heat and humidity cycle tests in the 'PTP 45' climatic chamber. You can request the test from the sales office.

Why do the products require no special maintenance?

H24 is composed of a galvanised metal structure and aluminium staves. The latter can be painted with standard colours or decorated natural ash with sublimation film. This results in a reduction of the maintenance costs traditionally associated with wood.

015 has a structure entirely in metal.

Can you sit on the benches after prolonged exposure to the sun with high temperatures?

Yes, 015 is composed of rounded calendered tubes that do not allow the element to over-heat. Even the staves of the H24 are empty inside, and, being aluminium, the heat is more dissipated.

Do the benches necessarily have to be fixed to the ground?

The products must be fixed to the ground to guarantee stability and safety in any context. Some products can be connected to each other with joining plates, thus avoiding the need to fix them to the ground. More info in the fixing section.

Is material for the installation supplied?

No, any fixing to the ground is the installer's responsibility.

Are customisations possible?

Yes. More info in the customisations section.

F.A.Q. – Fixing and Safety

Structural test

The seats have passed the structural tests designed for the benches with ground fixing (table 2 of the UNI 11306:2009 standard and table 1 of the EN 12727:2000 standard, 4th level). You can request the test from the sales office.

Ground installation

It is the responsibility of the qualified installer to verify the particularities of the pavement and to choose the most suitable fixing methods. Diemmebi suggests the following procedure as an example, declining any liability in case of damage to the products or to any underground utilities.

1. When you receive the goods, remove the packaging taking care not to damage the finishes.
2. Place the element in the desired position and mark the positions of the holes.
3. Move the element and drill the pavement in the marked positions.
4. We recommend the use of wall plugs for M8 screws in case of installation on hard surface.
5. In the absence of pavement, we recommend the construction of plinths provided with M8 anchor bolts.
6. Use stainless wall plugs if the bench is installed outdoors.

7. Proceed with tightening the screws.

Benches not fixed to the ground

Diemmebi has conducted the structural tests assuming the elements would be fixed to the ground to ensure safety in all environments.

The use of the products without fixing remains at the discretion and responsibility of the client.

Connection of seats not fixed to the pavement

For use in non-urban environments, junction plates are available to join the benches without fixing them to the ground. However, this type of installation is only recommended for the following models and versions:

- Zeroquindici.015 bench with backrest.
- Zeroquindici.015 concave and convex bench without backrest.
- Ventiquattrore.H24 bench with backrest.
- Ventiquattrore.H24 bench without backrest.

F.A.Q. - Customisations

This paragraph discusses the most frequent requests on this topic. For other customisations, please contact the sales office.

Customised painting

Painting with the use of RAL colours that are different from the standard ones is evaluated on a case-by-case basis.

The request is taken into consideration starting from 6 up to 14 elements, and is subject to extra charge. With a higher number of elements, no extra charges will be applied.

Customised length

Requests for benches with custom length are evaluated on a case-by-case basis.

The request is taken into consideration only starting from 15 elements and is subject to extra charge.