



**GUARANTEE CONDITIONS FOR THE ZINC COATING
for hot-dip galvanised steel structures.**

Mostostal Siedlce Spółka z ograniczoną odpowiedzialnością grants a guarantee for zinc coatings applied to steel structures using the hot-dip galvanising method in compliance with the PN-EN ISO 1461 standard.

The guarantee period shall be calculated from the date of dispatch from the Mostostal Siedlce warehouse and depends on the degree of aggressiveness of the environment in which the aforementioned structures will be stored, assembled and operated according to the principles specified in the table below:

No.	Type of atmosphere	Corrosion aggressiveness category	Guarantee period
1.	Slight corrosion load	C1	5 years
2.	Low corrosion load	C2	5 years
3.	Moderate corrosion load	C3	5 years
4.	High corrosion load	C4.	4 years
5.	Very high corrosion load	C5	2 years
6.	Extreme corrosion load	CX	1 year

Table 1. Guarantee periods for hot-dip zinc coating for atmospheric corrosion. Type of atmosphere and corrosion aggressiveness categories according to EN ISO 14713-1.

The guarantee is granted upon the fulfilment of the following conditions:

1. The Ordering Party will deliver to the galvanizing plant a structure made in accordance with the conditions specified in the General Commercial Terms.
2. Prior to the delivery of the structure to the galvanising plant, the Contracting Entity shall be bound to mark the components in a permanent manner in a place visible after the structure has been assembled according to the code: year of delivery, month of delivery e.g. 24/1 which means 2024/January . If this requirement is not fulfilled, a guarantee of 12 months shall apply.
3. Immediately upon the receipt of the structure, the Contracting Entity will repair coatings damaged during transport, handling and installation according to the following guidelines:
 - clean the damaged area to the PSt3 degree of cleanliness (light grey, metallic, uniform surface without traces of corrosion, oil, grease, dust) according to the PN-EN-ISO 8501-1 standard - cleaning and preparing the surface of the damaged area to ensure the required adhesion of zinc paint
 - subsequently, in accordance with the PN- EN EN1461 standard: the damaged area should be repaired by painting with a zinc-rich primer, the thickness of the paint coat should be min. 100 µm.
4. Storage, assembly and operation of the structure will take place in an environment with the corrosive aggressiveness category specified in Table 1 for the relevant guarantee period.
5. The Contracting Entity shall define the corrosive aggressiveness category of the atmosphere based on the EN ISO 14713-1 standard.
6. Structural components during the storage period will be stored on pads in such a way as to prevent contact with the ground, the accumulation of precipitation and mechanical dirt thereon.
7. Zinc coatings damaged during the installation of the structure will be repaired in accordance with section 2.
8. All repairs must be performed under supervision and documented in the form of a report attached to the documentation.
9. Once every 12 months, the user will inspect the coatings and protect any developed corrosion outbreaks in accordance with section 2.

10. The Contracting Entity will notify Mostostal Siedlce of the date of the review within 7 days before the scheduled review and allow its representative to attend. If a representative of Mostostal Siedlce fails to turn up for the review on the agreed date, the Contracting Entity will perform the review itself.
11. Reports of annual reviews will be kept on file with the Contracting Entity.
12. During the guarantee period, no corrosion outbreaks of the steel base, the total area of which exceeds the area defined in PN-EN ISO 1461 for defective areas, may occur on galvanised construction elements.

The guarantee shall become ineffective as a result of:

1. Cases of specific corrosion loads defined in the PN-EN ISO 14713 standard, such as: chemical, mechanical loads, increased temperature (in such cases the guarantee periods should be individually agreed in writing)
2. Mechanical damage to the zinc coating resulting from handling, transport and assembly outside the premises of Mostostal Siedlce if the Contracting Entity has failed to repair the damage in accordance with the requirements contained in this document or if the area of the repaired damage exceeds the permissible size specified in PN-EN ISO 1461 for defective areas,
3. Mechanical and thermal damage to the zinc coating caused by cutting, welding, reaming of holes and any other modifications to the structure after galvanising that cause damage to the zinc coating.
4. Structural changes on galvanised components or other additional activities, such as welding, assembly, disassembly or painting that may cause damage to the coating.
5. Defects in the zinc coating resulting from incorrect technological design of the construction - formation of so-called "brown streaks" from small, leaking joints, gaps or cavities.
6. Mechanical, thermal and chemical damage during operation.
7. If galvanising is carried out in accordance with Directive Dast-022 and the products submitted for galvanising do not meet the requirements of Directive Dast-022.
8. The presence of surfaces that are inaccessible or not visible to the unaided eye.
9. Damage caused by excessive or inappropriate storage.
10. Damages arising from random events.

These terms and conditions of the guarantee for zinc coating produced at **Mostostal Siedlce Spółka z ograniczoną odpowiedzialnością** shall be effective as of **2 January 2024**.