

Maintenance:

The European standard for **Artificial Climbing Structures**, EN 12572 regulates the installation, inspection and maintenance.

Maintenance shall be done according to the instructions and the frequency specified by the manufacturer.

All inspections shall be documented.

Inspections are split into three types:

a) Routine visual inspection

The routine visual inspection serves to identify obvious defects and sources of danger on the front side of the climbing wall, which can be easily seen from the ground without use of means of support. For ACS subject to heavy use or vandalism, daily inspection of this type may be necessary.

NOTE: Examples of visual and operational inspection points are cleanliness, loose holds, obstacles placed in the free space, missing parts, excessive wear and other obvious damage.

This level of inspection shall be done by the Owner/operator of the climbing facility or appointee.

This level covers very obvious issues that can result in a hazard if left unchanged, such as cracked and or loose climbing holds, any damage or wear to the climbing surfaces and or the belay points. Any reported issue must be investigated and assessed by staff.

In the case of an irregularity that requires more expertise to resolve, the affected area(s) shall be taken out of service and T-Wall can be contacted for assistance in evaluating the issue whether it requires a skilled worker. We will be pleased to assist you.

b) Operational inspection

The operational inspection is a more detailed inspection to check the operation and stability of the equipment, and for the wear of components. This shall be carried out every 1 to 3 months, or as indicated by our instructions. Operational inspections shall be documented.

Special attention shall be given to protection points or any moving or detachable part of the ACS.

c) Main inspection

The main inspection, according to the maintenance manual, is done to establish the overall level of safety of the ACS, its foundations, structural frame and wall surfaces, e.g. effects of weather, evidence of rotting or corrosion, and any change in the level of safety of the equipment as a result of repairs made, or of added or replaced components. Main inspections shall be documented.

Special attention shall be given to all protection systems, the structural frame and generally the inside of the ACS.

The main inspection may require dismantling of certain parts and replacement of critical safety elements. This inspection of the equipment should be carried out by competent persons in strict accordance with the manufacturer's instructions.

NOTE: The level of competence required will vary with the task

To provide a safe facility for users, each owner/operator must ensure that an appropriate inspection plan is set up and put into action. Any local requirements shall also be taken into consideration when developing a plan and the frequency of the inspections. The plan must cover all the relevant components that will be inspected and whether any appendant test needs to pass.

If you are interested in hiring T-Wall to perform the annual inspection, or have any questions, please contact our sales department.

