



ASTeks' Fasteners Warranty

Warranty Period

Environmental characteristics

To determine the environment type, an inspection of the buildings in the area is necessary.

ASTeks' Class 4

Mild Urban / Rural (ISO Category 2)

All areas far from the sea coast, industrial areas more than 2km from heavy industries fallout.

60 years

Light Industrial / Urban (ISO Category 2 - 3)

This is the area of light industrial pollution covering most inland towns/cities. Usually between 500m-1000m from heavy industries fallout.

50 years

Moderate Industrial (ISO Category 3)

Characterised by fallout from nearby industrial environments or where small industries lead to significant industrial fallout.

30 years

Severe Industrial (ISO Category 4)

Areas in major industrial areas/complexes including plant buildings and others located under stacks. Characterised by severe fallout, strong sulphur and acid smells. Includes buildings with high internal humidity and/or corrosion from operations within.

20 years

Mild / Moderate Marine (ISO Category 3)

Location : Between 300m and 1000m from Marine surf but distances may extend depending on topography, strong winds and vegetation. Characterised by slight occasional noticeable salt smell but not as visible as haze.

20 years

Severe Marine (ISO Category 4)

Location : Between 100m - 300m from beachfront up to inland. Characterised by strong salt smell and haze presence. Generally a very noticeable deterioration of most building materials will be present. May extend further inland depending on topography prevailing winds and vegetation.

12 years

Very Severe Marine (ISO Category 5)

Offshore areas with breaking surf are included in this area.

Not Recommended

This Warranty is subject to the following conditions and limitations:

- I. This Warranty is valid if the products are installed in accordance with the specification and relevant environmental conditions are applied
- II. The customer must notify in writing any claims of defects to ASTeks Corporation Pte. Ltd. or ASTeks Asia Pte. Ltd. or local authorized agent before proceeding with any action.
- III. The environment type of the structure shall be decided conclusively by local authorized agent after inspection of the surrounding areas.
- IV. To the extent permitted by law, ASTeks or its authorized agent, will not be under any liability for any loss including consequential or special loss or damage (except for the replacement of defective fasteners) howsoever caused, including direct and indirect consequential or incidental damages.
- V. This Warranty shall be against the loss of structural integrity of fastener due to the effects of corrosion of metallurgical defects from the date of installation. It does not cover the aesthetic performance of coatings.