SKOGSINDUSTRIERNAS
TEKNIK AB
Pulp and Paper Industries' Engineering Co
Sweden

Edge protection by angle sections

Introduction

This document gives recommendations for the installation of edge protection by angle sections, for use where there are no special requirements concerning maximum load.

For edge protection against specific loads, the anchor bars shall be designed in each individual case.

1 Designation

Edge protection SSG 5563 - Type Size[1] - Material[2] - Surface treatment

1.1 Example 1 **Edge protection SSG 5563 - A - SSG 1005 - GB40 TD160 - SSG 20**

1.2 Example 2 **Edge protection SSG 5563 - A - SS Steel 2343**

1) Only for Types B and D.

2) Only when the material is other than Steel EN 10 025 - S235JRG2 (SS Steel 1312) (see Subclause 2.11).

2 Requirements

2.1 General

All welding shall be performed in accordance with Manual for Steel Structures, BSK 94, of the Swedish Board of Housing, Building and Planning.
The rear faces and anchor bars of the edge protection sections shall be cleaned and degreased prior to embedment and shall not be painted.

2.11 Material

Edge protection is normally made from Steel EN 10 025 - S235JRG2 (SS steel 1312).
If SS Steel 2343 is used, this shall be indicated in the designation.

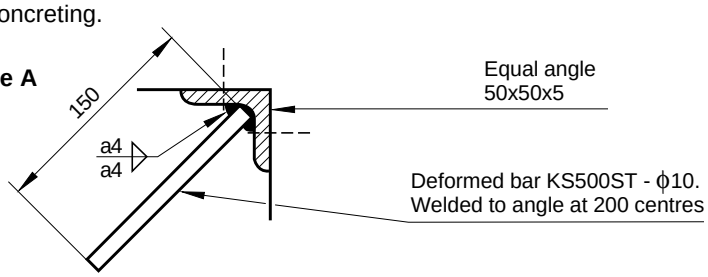
2.12 Surface treatment

Edge protection sections are normally painted on the front face and sides.
Ancor bars and the rear face shall not be painted.
The paint system is to be selected in accordance with SSG 1012.
The type of system is to be indicated in the designation.
The colour is to be selected in accordance with SSG 1007.
The edge protection sections may alternatively be hot dip zinc coated in accordance with Swedish Standard SS 3583, the weld zones for the anchor bars being cleaned, ground and painted with zinc paint to at least the same thickness as the surrounding zinc layer.
Hot dip zinc coating is to be indicated in the designation by the letter Z.

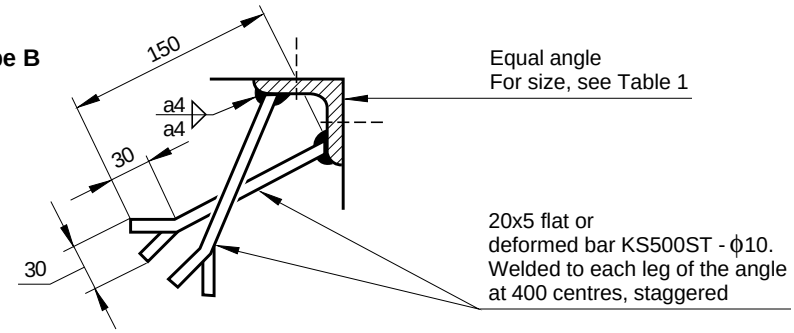
2.2 Type

The type edge protection is to be selected from the following alternatives.
7 mm holes at 500 mm centres are to be made in the legs of the angle sections for fixing prior to concreting.

Type A



Type B



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