



Grede A A-Type Beam

Opis elemenata

MG Precast u svom programu ima krovnu gredu sa dvostrukim nagibom od 6% i 10%. Greda je promenljivog preseka i napravljena je od prednapregnutog betona, dok je na krajevima punog pravougaonog preseka. A krovne grede se proizvode u dve širine: 50cm i 54cm.

Montaža

Oslanjane se vrši preko neoprenskih ležišta, dok se na gredu oslanjaju sekundarni AB elementi, npr. rožnjače, odnosno grede ili korube. Greda na svojim krajevima ima otvore koji se postavljaju na armaturne šipke koje vire iz stuba. Otvori se zatim ispunjavaju cementnim malterom. Vrste, dimenzije i nosivost su prikazani i ilustrovani u sledećim tabelama i dijagramima.



Podaci Data Sheet

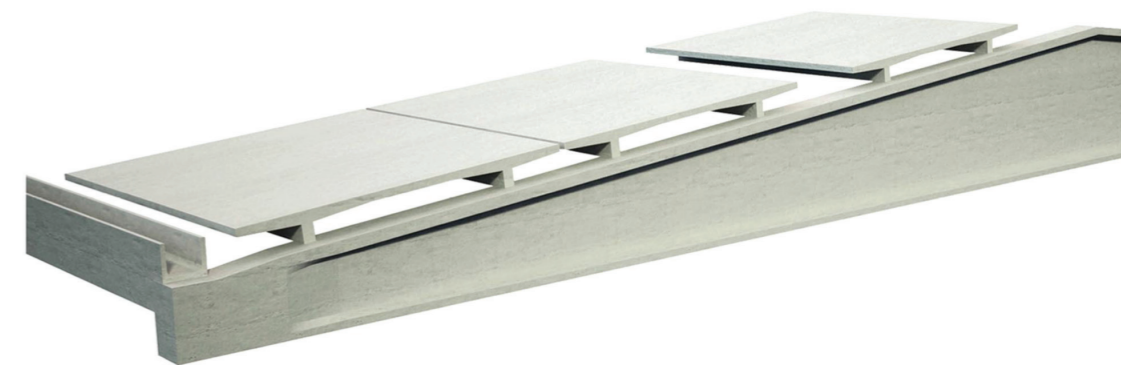
MATERIAL	KARAKTERISTIČNE ČVRSTOĆE N/mm2
MATERIAL	NOMINAL STRENGTH N/mm2
Beton Concrete	MB ≥ 55
Kablovi Tendons	f _{pk} ≥ 1860
Čelik B500 Steel B500	σ _{vk} ≥ 400

Opis elemenata

The MG Precast programme includes 6% and 10 % double-sloped roof beams. The prestressed concrete A beam has a variable cross section and full rectangular section at its ends. The roof beams are manufactured in two widths, 50 cm and 54 cm.

Mounting

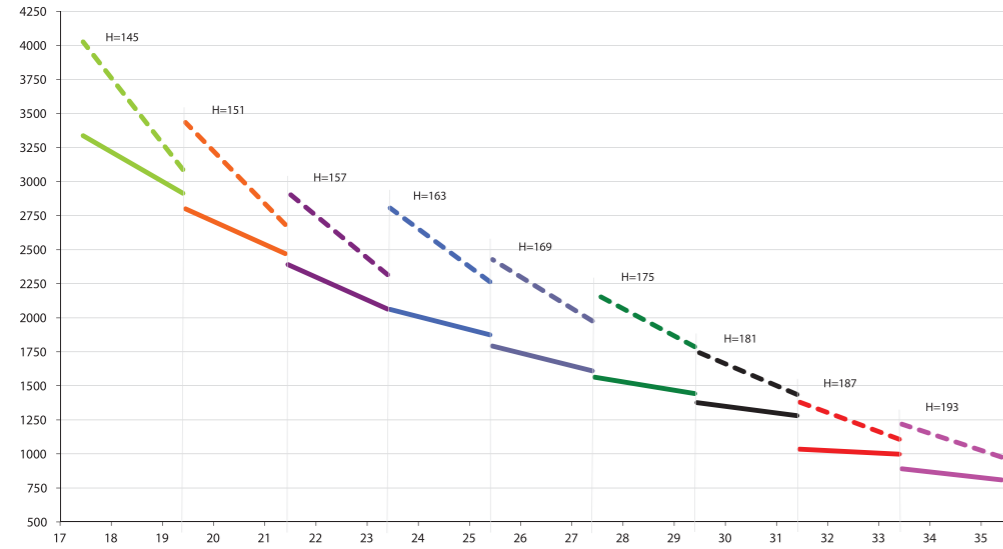
Neoprene pads support these beams, which carry secondary RC elements such as purlins or beams and TT slabs. The beam ends have openings that are mounted on reinforcement bars protruding from the columns. The openings are then filled with cement mortar. The types, dimensions and load capacities are shown in following tables and diagrams.



Grede A

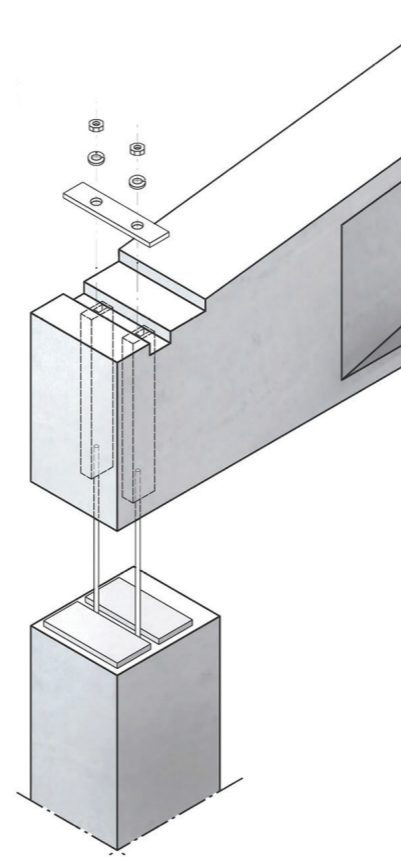
A-Type Beam

A grede sa dvostrukim nagibom od 6% (maks. opterećenje)
 A - Type beams with a double slope of 6% (MAX LOAD)



Opterećenje (kg/m) = (stalno+povremeno) [kg/m²] x a [m]
a=raster, osno rastojanje između greda
 Load (kg/m) = (permanent and variable) [daN/m²] x a [m]
 where: a = axial distance between 2 beams

..... Debljina rebara=16cm
 Rib thickness=16cm
 ————— Debljina rebara=12cm
 Rib thickness=12cm



Grede A

A-Type Beam

