

MINING / CONSTRUCTION

FLAT PLATE

COST-EFFECTIVE, LONG-TERM CONTROL

DESCRIPTION

Minova Flat Plates provide exceptional surface support and are available in sizes ranging from 4"x4" to 12"x12" in varying strengths, thicknesses and hole diameters.

Plate Type	Material	Galvanizing
Flat Plates	AS1594	AS4680

Minova plates are designed in-house to provide optimal surface support in a range of strata conditions.



USES

The Flat Plate is used in conjunction with typical bolting materials to stabilize structures, earthen embankments, and to provide support over larger surface areas.

ADVANTAGES

- High strength steel plate
- Prevents loose material from falling between bolt patterns
- Provides strength to immediate unstable areas

TECHNICAL DATA

Flat Plate Dimensions (mm)	Thickness (mm)	Dome Height (mm)	Hole Size (mm)	Test Hole Diameter (mm)	Typical Yield Strength (MPa)	Typical Tensile Strength (MPa)	Plate Load (kN)	Typical Bolt Used
200 x 200	10	N/A	18	N/A	210 – 310	300 – 400	N/A	Cable Bolt
250 x 250	10	N/A	18	N/A	210 – 310	300 – 400	N/A	Cable Bolt
300 x 300	10	N/A	18	N/A	210 – 310	300 – 400	N/A	Cable Bolt
200 x 200	12	N/A	20	N/A	210 – 310	300 – 400	N/A	Cable Bolt
250 x 250	12	N/A	20	N/A	210 – 310	300 – 400	N/A	Cable Bolt
300 x 300	12	N/A	20	N/A	210 – 310	300 – 400	N/A	Cable Bolt

APPROVALS AND CERTIFICATES



ADDITIONAL DOCUMENTATION

Started more than 135 years ago, Minova is a global manufacturer and supplier of chemical and mechanical earth control products and support equipment. With manufacturing plants on five continents and operations in more than 25 countries, Minova is an industry-leading provider of ground support solutions for the underground mining, construction and energy industries.

If further information is required consult Minova Americas website: www.minovaglobal.com.

- Steel Bolts, Plates, Other Steel Articles Safety Data Sheet (SDS)
- Minova Guide to Resin-Grouted Rockbolts
- Minova Chemicals, Polymers & Steel Application Guide

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MANUFACTURER

Trading name of Minova USA, Inc.
 150 Summer Court
 Georgetown, KY 40324
 USA

CUSTOMER SERVICE

Customer.salessupport@minovaglobal.com
 Phone: +1 (800) 626-2948
 Alt Phone: +1 (502) 863-6800
 Fax: +1 (502) 863-6805