



PT DUCT FOR POST- TENSIONING

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Our PT Ducts in modern construction are widely accepted, and they are especially used for pre-stressing or post-stressing of concrete structures as a building material, in the construction of bridges...

PT Diorit ducts production



Diorit d.o.o. produces protective tubes for post-tensioning from black and galvanized material.

Product use:

Steel strip pipes for prestressing cables and couplings for these pipes are used as a guard and guide for prestressing cables in subsequent prestressing of concrete structures.

We can also offer cables for pre-stressed concrete 9.3 mm, 12.5 mm, 15.2 mm, 15.7 mm/ wire for pre-stressed concrete 7 mm...

"OUR PRODUCTION IN ONE SHIFT IS 4500 M. DIAMETER; FROM FI 45 MM - FI 135 MM"

Declaration Data - Product Performance

- subject of declaration of conformity - steel strip pipes for prestressing cables and couplings for these pipes EN 523
- used material - pipes made of steel strip thickness 0.3 - 0.6 mm and width 78 mm, quality according to standards EN 10139/10140 and EN 10346.



GEOTECHNICAL AND POST-TENSIONING EXPERT

BUILDING SOLUTIONS TOGETHER



9.3 mm, 12.5 mm, 15.2 mm, 15.7 mm



PREFABRICATED PRE-STRESSING CABLES

wire for pre-stressed concrete 7 mm



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IGH Cert
OT 1/05

CERTIFICATE OF CONSTANCY OF PERFORMANCE

1/05-ZGP-2532

Pursuant to the Construction Products Act (Official Gazette Nos. 76/13, 30/14 and 130/17), Ordinance on Conformity Assessment, Certificates of Conformity and Marking of Construction Products (Official Gazette Nos. 103/08, 147/09, 87/10, 128/11), Technical Regulation on Construction Products (Official Gazette Nos. 35/18), this Certificate applies to the following construction product:

STEEL STRANDS FOR PRESTRESSING OF CONCRETE

steel name and number Y1860S7 (1.1366)
nominal diameters from 7 mm up to 16 mm

placed on the market by:

Diorit d.o.o.,
dr. Mile Budaka 1, HR-35000 Slavonski Brod



CABLES FOR PRE-STRESSED CONCRETE

Application

In most of the post-tensioned and pre-stressed projects, the smooth steel wire is most commonly used as pre-stressed steel. The pre-stressing cables are mainly used to improve the project, but also for nuclear power plants and similar works. Galvanized steel cables are most commonly used in bars of bridges, cables and external pre-stressing. Steel cable coated with epoxy is similar to a galvanized pre-stressed steel wire rope. We have all certificates (EN 10138-3/10138-1) for cables and wires.

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