«SWISSCROSS H.D.» (Heavy Duty)
RUBBER LEVEL CROSSING

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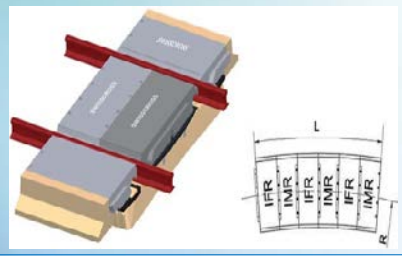
SWISSCROSS
BAHNÜBERGANG
PASSAGE À NIVEAU
PASSAGGIO A LIVELLO
RAIL LEVEL CROSSING

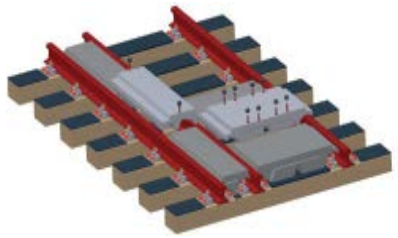
TYPENZULASSUNG: CH-ZR44TZ2008-11-0007

«SWISSCROSS H.D.»
Radius of curvature



«SWISSCROSS H.D.»
Heavy Duty

«SWISSCROSS H.D»
Double Gauge



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Reference

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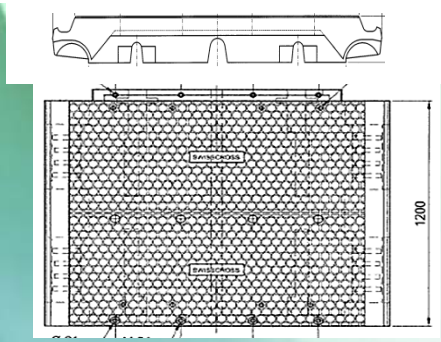
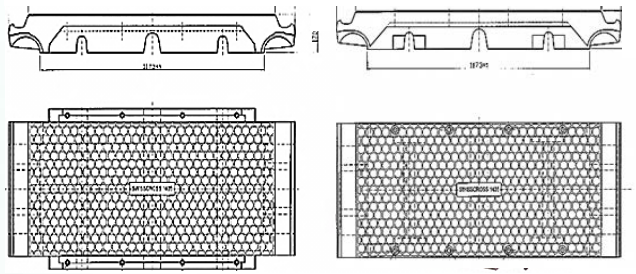
«SWISSCROSS H.D.»

Tipology

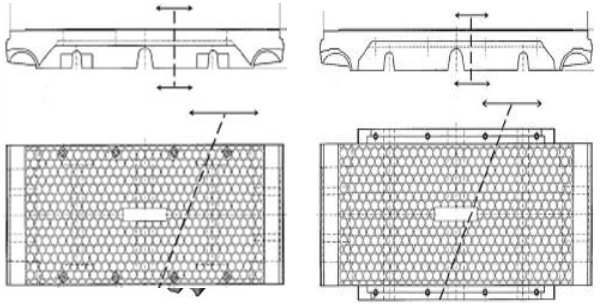
INNER ELEMENT
Male / Female
Dim. 1200x1000/1435/1524/mmn



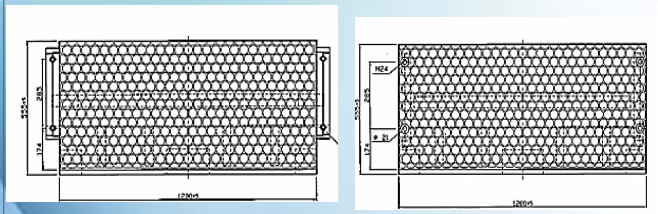
INNER ELEMENT
Male / Female
Dim. 600x1000/1435/1524/mmn



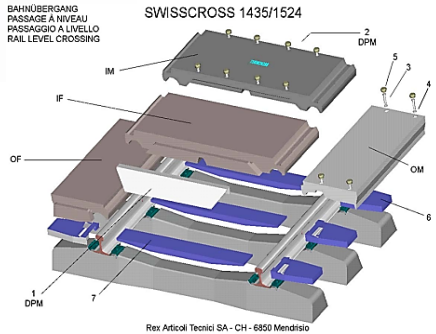
CENTER ELEMENT
Male / Female
Dim. 600x1781mm/



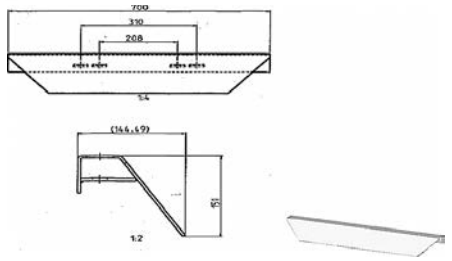
OUTER ELEMENT
Male / Female
Dim. 352/535/700x1200mm



SWISSCROSS H.D.
ELEMENTS



SWISSCROSS H.D.
DEFLEKTOR PLATE



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Check List

REX SA RUBBER AND THERMOPLASTICS

CHECK LIST "SWISSCROSS H.D."
Rubber level crossing

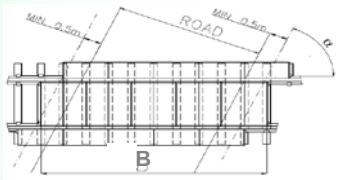
IRIS Certification

Customer:
Responsible:
Subject:
Builging project:

Contractor: Rex Articoli Tecnici SA - Via Catenazzi 1 - CH-6850 Mendrisio
Responsible:

Cossing Type: Heavy traffic ☐ Pedestrian ☐
Light traffic ☐ Other:

1 Track gauge:
- ☐ 1000 mm
- ☐ 1435 mm
- ☐ 1524 mm
- ☐ Three rail Track

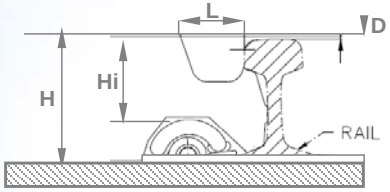


2 Crossing width: m
3 Road angle: Dec.
4 Number off tracks: pc.

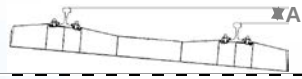
5 Inner elements: pc. 1200mm ☐ 600mm ☐
6 Center elements: pc. 600x1781mm ☐ Tailored: ☐
7 Outer elements: pc. 535mm ☐ 700mm ☐
8 Protection plates needed: Yes ☐ No ☐ pc.

9 Sleeper type: Manufacturer:
10 Rail type: Manufacturer:
11 Fastening system: Manufacturer:
12 Interval of the sleeper should be: **600 +/-10mm** Existing mm:

13 Rail construction:
- H = Height between the sleeper and the rail head mm
- Hi = Height between the fastening system and the rail head mm
- D = Difference between the head of rail and the rubber plate mm
- L = Widht of rail groove mm



14 Rail banking A: mm



15 Radius of curvaure R: m

REX SA RUBBER AND THERMOPLASTICS
CHECK LIST "SWISSCROSS H.D."
Rubber level crossing
IRIS Certification

16 Number of vehicles crossing the place:
- Cars: Crossings per day:
- Trucks - TIR: Crossings per day:
- Other: Crossings per day:

17 Special solutions:

18 Delivery adress:

19 Delivery date:

20 Installation date.

21 Technical support provided by Rex Articoli Tecnici SA:
- Assembly with skilled manpower: Yes ☐ No ☐
- Training or supervision when mounting: Yes ☐ No ☐

22 Client adress:

23 Responsible:

24 Special solutions:

25 Drawing:

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SWISSCROSS BAHNÜBERGANG PASSAGE À NIVEAU PASSAGGIO A LIVELLO RAIL LEVEL CROSSING

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RAILWAY TECHNOLOGY

-Establishment of the company in 1935 and since 1970 active in the railway engineering.
-Development and production of specific products in the field of rolling stock and infrastructure.
-ISO certification 9001:2008 since 1990
-IRIS certification since 2010

IRIS Certification

CERTIFICATE

awarded to

Rex Articoli Tecnici sa
Via Catenazzi 1
6850 Mendrisio
Switzerland

DQS GmbH

confirms, as an IRIS approved certification body, that the Management System of the above organization has been assessed and found to be in accordance with the

International Railway Industry Standard (IRIS)
Revision 02, May 2009

for the activity of Manufacturing & Design

for the scope of certification 20 (Single railway components)

Development, production and distribution of rubber-metal technical products

Date of the audit: 23.07.2010
Date of issue of the certificate: 03.06.2010 Certificate valid until: 02.06.2013

Current date: 03.06.2010
Certificate-Register-No.: 488715 IRIS

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IQNet

THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

IQNet and SQS
hereby certify that the organisation

Rex Articoli Tecnici SA
CH-6850 Mendrisio

Certified area

Tutto il sito

Field of activity

Progettazione, produzione e commercializzazione di articoli tecnici in gomma, gomma-metallo e termoplastica.

has implemented and maintains a
Management System
which fulfils the requirements of the following standard(s)

ISO 9001:2008

Scope Nos: 14, 17, 29
Issued on: 2010-09-03
Validity date: 2013-09-02
Registration Number: CH-60996

Michael Dreckel
President of IQNet

Theodor Zehner
Managing Director SQS

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RUBBER AND THERMOPLASTICS

Rubber Level Crossing
«SWISSCROSS HD»

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