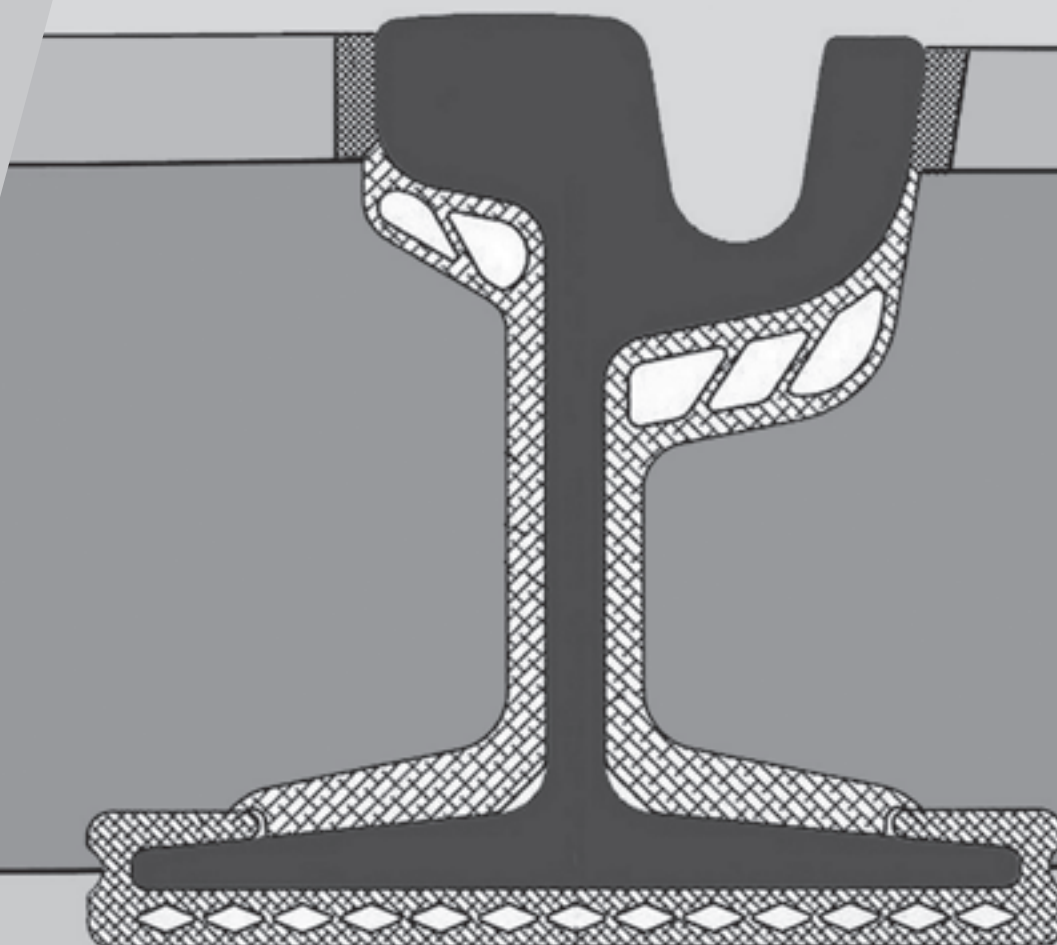


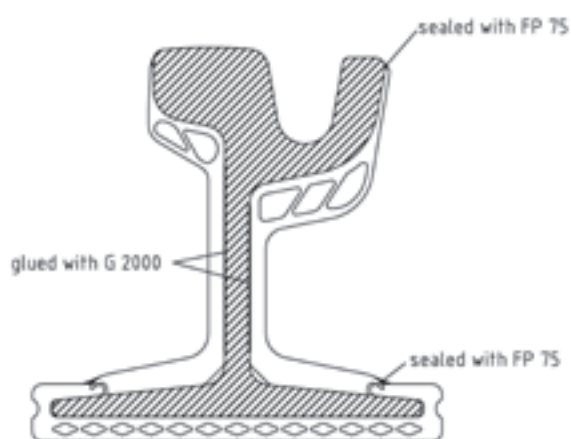
PHOENIX Dichtungstechnik GmbH

RCS Rail Comfort System

Installation Instructions

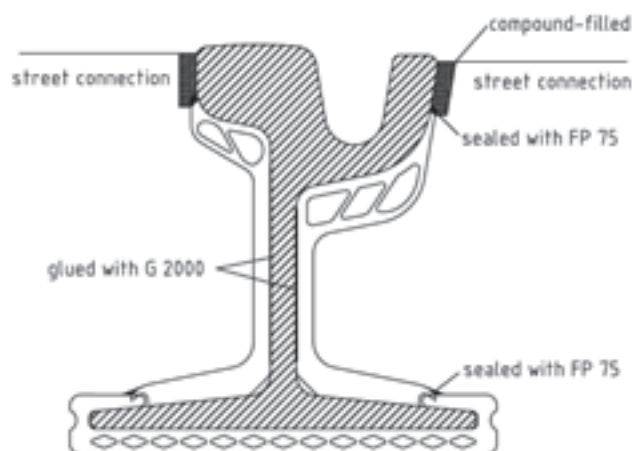


Installation Instructions for Track Insulation System **RCS**-Rail Comfort Systems



GRASS TRACK VERSION

ROAD TRACK VERSION



NOTE:

The method as set out hereunder should be considered as an example. It may vary depending on project requirements and local conditions.

DELIVERY:

All profiles are supplied in coils of 18 m or 15 m lengths. These lengths are easy to manage. All rolls are supplied strapped to disposable wooden pallets.

PREPARATION:

The profiles should be unwound before installing and stored for approx. 10 hours at 15°C. This compensates for any deformation.

All surfaces to be glued must be dry, free of dust, grease and loose rust. Before proceeding any further, clean the contact surfaces of the profiles and rails with a cleaning rag soaked in G 500 thinner.

WORKING TEMPERATURE:

The working temperature must be at least 5° C for the glue, paste and all other components in order to obtain the best possible adhesion.

In addition, the instructions for sealing paste FP 75, adhesive G 2010 and thinner (cleaner) G 500 must also be adhered to.

1 MOUNTING THE BASE PROFILE:



Place the length of profile under the foot of the rail and bend it up over both sides. Seal the ends with FP 75.

2 MOUNTING THE OUTSIDE PROFILE:



Unroll the side profile on the rail and press into the rail chamber. Then gently hammer against the tie bars bolts to mark the position on the side profile. Use a puncher chisel (Ø55mm) to punch out the cored holes for the tie bar nuts. Factory-punched profiles are also available on request. Apply the contact adhesive G 2010 with a brush or roller on both sides to the rail and to the rubber profile. Apply adhesive only to the crown and the web of the rail. The sealing paste FP 75 is applied to the areas shown on the drawing, using an application gun. Adhesive G 2010 must be left to air for 10 – 20 min., depending on the weather, before attaching the profiles to the rails. The glue is cured when it loses its shine and when the glue gets tacky.

3 MOUNTING THE INSIDE PROFILES:

After unrolling the side profile along the rail, the tie bar spacing is transferred to the side profile. Using the template, the holes for the tie bar fastening are cut out. Factory-punched profiles can also be supplied on request. The profile is glued to the rail after cleaning the parts as described under point 2).

4 HEAD END PROFILE JOINTS



All joints must be sealed with FP 75.

5 INSTALLING THE TIE BAR PROFILES



The Tie bar profiles are bent around the tie bar I and pushed into the recesses of the side profiles, then glued with FP 75 after cleaning the contact surfaces with G 500.

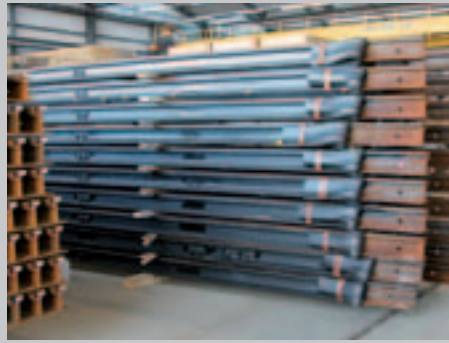
6 MOUNTING THE COVER CAPS AND FILLERS



The cover caps and fillers must be installed and sealed with FP 75.

7 CONTROL

The glued profiles can handle loads after approx. 10 – 12 hours. All glued areas must be checked for a tight, firm fit before the installation of the road surface



PHOENIX Dichtungstechnik GmbH

Sales

Eisenacher Landstraße 70
D-99880 Waltershausen
Tel. +49 (0)3622 633 423
Fax +49 (0)3622 633 475
Email: Peter.Nitt@pdt-group.de

Engineering

Schellerdamm 18
D-21079 Hamburg
Tel. +49 (0)40 788 933 304
Fax +49 (0)40 788 933 305
E-Mail: Bernd.Pahl@pdt-group.de