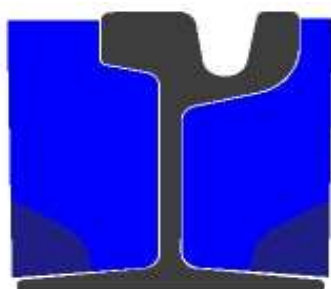


# TECHNICAL DATA

## Protrack - Rail GR Side profile for rail

**ISOLGOMMA**  
\*\*\*\*\* Insulation technology

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### Description

Left and right side profile for rail Ri60, Ri59, Ph 37, Ri IC rail and tram systems. The material is an agglomeration of granules of rubber SBR (Styrene Butadiene Rubber) or EPDM (Ethylene Propylene Diene Monomer) selected and glue poliurenatico, obtained by pressing process. Other profiles available upon request.

### Application

The profiles are used in the construction of systems for rail and tram tracks with the following functions:

- as processing aids in environmental protection from the noise and vibration
- against corrosion by stray currents
- to insulation electrically binary
- to preserve the rail - road surface system.

PHYSICAL CHARACTERISTICS	Unit	Value	Tolerance
Thickness and shape	dependent on the type of rail		
Length	400 ÷ 1200 mm	750	± 1%
Density	kg/m <sup>3</sup>	900	± 5%
Colour		black, red, green	

TECHNICAL CHARACTERISTICS	Norm		
Water absorption	DIN 52103/A	< 5%	
Freezing (break bulk)	DIN 52104/B	< 1%	
Permanent deformation	UNI 10570	Δh < 5%	
Elongation	DIN 53455	ΔA > 50%	
Hardness	ASTM D 2240	Shore A	~ 70
Electrical resistivity (dry)	UNI 5572	Ω x cm	10 <sup>6</sup>
Electrical resistivity (wet)	UNI 5572	Ω x cm	10 <sup>5</sup>

PHYSICAL AND CHEMICAL PROPERTIES		
Behavior to oils, greases		proof
Behavior under UV light, weather		proof
Resistance to temperature and pouring asphalt	°C	-20 ÷ 180
Ozone resistance	DIN 53509/1	no cracks
Fire resistance	DIN 4102	B2
Behavior acids / bases, alcohols		proof

### METHOD OF USE

Coarsely clean surfaces of the rail to be isolated or part of reinforced concrete prefabricated. Spread on the surface of the profile and on that of adhesion a layer of adhesive type Bostik, brush for points in discontinuous way and then attack with a slight pressure the rubber profile on the rail.

### HEALTH & SAFETY

This is not a dangerous material, therefore it is not subject to the European directive 67/648/CEE . This product does not contain any hazardous component as formaldehyde, carbide fluorine, mercury or any other similar elements and does not generate toxic fumes.

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