

# TECHNICAL DATA SHEET

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**ROYAN BLACK S3 CI SRC**  
LOW SHOE IN ABRASION RESISTANT  
"GROOVE" BYCAST LEATHER VAMP  
AND WATER-REPELLENT SUEDE  
LEATHER QUARTERS

## PROTECTIONS FOR THIS MODEL



Sizes available : from 38 (5) to 48 (13)  
Weight of one pair in size 42(8): 1200 gr.  
Norm EN ISO 20345 : 2011  
AET : 0075/007/12/161/07/0554  
EXT. 05/07/12

### Upper features

- Upper : water-repellent suede leather with abrasion resistant "groove" scuffcap
- Tongue : leather
- Lining : three-dimensional textile
- Vamp lining : synthetic
- Collar : leather
- Backpart : synderm
- Eyelet : 2 plastic eyelets
- Laces : polyamide
- Tongue marking : size, manufacturer, manufacture date (month, year), norm, protection, CE marking.

### Protections 100% NON -METALLIC

- Toecap : polycarbonate (200 joules)
- Anti-perforation insert : high tenacity composite fabric « zero » penetration (1100 N)

### Fitting features

- Lasting insole : textile
- Footbed : foam and textile

### Sole features

- Name : Crazy +
- Material : dual density polyurethane (PU2D)
- Comfort sole density : 0,5
- Comfort sole color : dark grey
- Outsole density : 1
- Outsole color : black
- Slip resistance SRA (flat) : 0,45; (heel) : 0,43
- Slip resistance SRB (flat) : 0,29; (heel) : 0,23

## Advantages = End users benefits

### 100 % non-metallic safety shoe

- **Leather coated "groove" anti-abrasion on the vamp part of the upper: reduces wear and tear and especially when footwear is used in flexion.**
- **Three-dimensional micro-porous textile as lining** : High breathable thanks to its structure that allows better ventilation of sweat. It is flexible and it improves comfort.
- **Closed back**
- **Anti-perforation insert high tenacity composite fabric** : ultra-light, ultra-flexible (insensitive to worn), thermally insulating (insensitive to temperature transfers) and protects 100% of the surface of the foot.
- **Sole : CRAZY +**
  - ✓ **Double density PU2D** : excellent comfort even in extreme flexing conditions
  - ✓ **Reinforcements on the front, on the back and on the sides of the shoe** for better durability of the upper. The additional PU strips on the sides provide a protection against side impacts and give a perfect foot stability.
  - ✓ **Defined heel**: sure-footed safety! an additional precaution especially on ladders
  - ✓ **Wide sole** : enhance grip and stability
  - ✓ **Comfort cushions in the heel**: low density cushions increase the energy absorption of the heel, 75 % better than the standards requirements.
  - ✓ **Very resistant to landslides** thanks to the studded open structure for better drainage of liquids
  - ✓ **Cold insulation** of sole complex (Ci)
  - ✓ **Antistatic**
- **PARABOLIC® sole**
  - ✓ **Exceptional grip** : the concave structure of the sole allows progressive bending of the sole in order to optimize grip.
  - ✓ **Comfort when walking** : the spring effect gives a more dynamic walk and facilitates walking.
  - ✓ **Anti-fatigue** : with every step, the recycled energy gives you a spring in your step and provides anti-fatigue effect to your legs.

## Basics and additional requirements of the norm EN ISO 20345 : 2011

### Toecap

steel polycarbonate aluminium HDFC Fiber composite

- (A)** Antistatic footwear.
- (P)** Penetration resistance.
- (Hro)** Resistance of the outsole to hot contact.
- (Wru)** Water penetration and water absorption resistant upper.
- (E)** Energy absorption of seat region.
- (Hi)** Heat insulation of sole complex.
- (M)** Metatarsal protection.

### Anti-perforation insert

stainless steel composite (high tenacity fabric)

- (Fo)** Resistance of the outsole to fuel oil.
- (Ci)** Cold insulation of sole complex.
- (Wr)** Water resistant footwear.

Regarding the norm EN ISO 20345, the minimum results for slip resistance to get the SRC certificate are :  
SRA (flat) ≥ 0,32      SRB (flat) ≥ 0,18  
SRA (heel) ≥ 0,28      SRB (heel) ≥ 0,13

