

# COLUMBUS HIGH S3S



New standard 2022:  
Standard EN ISO 20345: 2022

**LEMAITRE**  
DESIGNED FOR ACTION



## Tongue with textile gusset:

- Prevents the ingress of gravel, dust, and liquids

## Lg Raised heel and grip system for ladders:

Ideal for working on ladders and scaffolding

Sizes 35 to 50 Ref. BARRS3SBL

## Product highlights

- **2,0 mm thick high strength leather:** protection against abrasion, tearing, water penetration, and puncture.
- **3D microporous fabric lining:** pleasant feeling of comfort and freshness
- **Comfort sole with shock-absorbing heel pad:** reducing impact and fatigue, preventing MSD.
- **Protective toe-cap:** HDFC fibre composite.
- **Puncture-resistant midsole:** high tenacity composite fabric "0" penetration, PS type (3mm nail).



## NAVIGATOR PU2D antistatic sole

- **Liquid drainage channels and studs** for better grip on loose ground
- **Side edges and 13 mm raised heel:** enhanced grip on ladder rungs meeting the additional **LG** requirement
- **Arch support and heel cushioning:** prevention of MSD
- **Sole tested and certified** to the additional requirement of slip resistance standardized **SR**.

## USE

- Versatile shoe: indoor and outdoor use
- Heavy and light industry



[lemaitre-securite.com](http://lemaitre-securite.com)

Lemaître takes care  
Product information subject to change



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## Characteristics of the upper

- **Upper material:** water-repellent leather
- **Tongue with gusset:** water-repellent high tenacity fabric
- **Lining:** 3D microporous fabric

## Characteristics of the sole

- **Designation :** NAVIGATOR PU2D
- **Material :** polyurethane / polyurethane
- **Antistatic sole**
- **Adhesion coefficient (fundamental requirements):**  
forward heel slip: 0,50 (standard  $\geq 0,31$ )  
backward forepart slip: 0,46 (standard  $\geq 0,36$ )
- **SR Adhesion coefficient:**  
forward heel slip: 0,28 (standard  $\geq 0,19$ )  
backward forepart slip: 0,27 (standard  $\geq 0,22$ )

## VARIANT



Columbus low S3S SR  
COLL3SBL

## Packaging

size 35 to 42	size 43 to 50
<b>shoebox</b> 315 x 220 x 125 mm	<b>shoebox</b> 355 x 220 x 130 mm
<b>carton</b> 635 x 445 x 325 mm	<b>carton</b> 660 x 450 x 360 mm
10 shoeboxes per carton	10 shoeboxes per carton

## Gencods

<b>35</b>	3237154623350	<b>43</b>	3237154623435
<b>36</b>	3237154623367	<b>44</b>	3237154623442
<b>37</b>	3237154623374	<b>45</b>	3237154623459
<b>38</b>	3237154623381	<b>46</b>	3237154623466
<b>39</b>	3237154623398	<b>47</b>	3237154623473
<b>40</b>	3237154623404	<b>48</b>	3237154623480
<b>41</b>	3237154623411	<b>49</b>	3237154623497
<b>42</b>	3237154623428	<b>50</b>	3237154623503

## Memo for basic and additional requirements of the standard EN ISO 20345:2022

### Safety Footwear

S3S



### Sliding test

No marking  
**Fundamental requirements**  
Slip-resistant shoe on a tiled floor with a solution of sodium lauryl sulfate (NaLS).



Shoe resistant to slipping on a tiled floor with glycerin.



200 J toe cap: Protection of the forefoot against shocks and crushing



Non-metallic puncture-resistant midsole resistant with a 3 mm point (type PS)

<b>A</b>	Anti-static shoes	<b>Ci</b>	Insulation against cold
<b>E</b>	Shock absorption at the heel	<b>Hi</b>	Insulation against heat
<b>Fo</b>	Fuel oil-resistant outsole	<b>Hro</b>	Outsole resistance to hot contact
<b>Wpa</b>	Water penetration and water absorption resistant upper	<b>Wr</b>	Water resistant
<b>SC</b>	Abrasion resistant scuff cap	<b>LG</b>	Ladder grip system
<b>ESD</b>	Electrostatic discharge	<b>An</b>	Ankle protection

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