



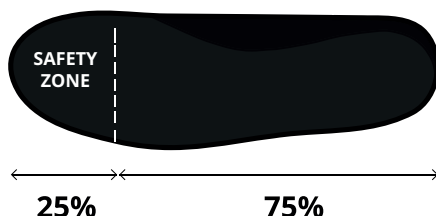
## INSTRUCTIONAL PROTOCOL - MULTICOVERS

### ORTHOPAEDIC INSOLES in WORK- of SAFETY FOOTWEAR

1. Orthopaedic insoles must be manufactured exactly according to this instructional protocol.
2. A modeled sole model is the milled or 3D printed material without cover material.
3. An orthopaedic insole is a modeled sole model including cover material.
4. Glue of your choice is allowed, with or without antistatic or ESD properties.
5. Materials of your choice are allowed for milling or 3D printing a sole model, with or without antistatic or ESD properties.
6. The sole model may be constructed from several different materials, for example with a hard underlayer of 70 Shore.
7. The average Shore value of a sole model including cover should be between 30 and 60 Shore.










The SAFETY ZONE has the following safety features:



- electrical conduction
- residual height under the safety toe cap
- water vapor permeability

3/4 sole model	4/4 sole model	Instructions
		<b>Model the orthopaedic insole to fit</b> the footwear.
		The length of the milled or 3D printed sole model, onto which <b>the cover is glued</b> .
		<b>Glue the cover</b> onto the sole model. Neskrid recommends (reactivable) PU adhesives such as Plastocoll and Plastofix. Neoprene glue and cement glue are not suitable.
		<b>Fold over the cover material with at least 40 mm width at the center of the forefoot onto the bottom of the sole model.</b> The flaps should be turned over behind the SAFETY ZONE. Make sure there is a <b>maximum gap of 20 mm</b> between the two flaps on the bottom of the sole model.

3/4 sole model	4/4 sole model	Instructions
		<b>Perforate the forefoot of the orthopaedic insole with at least 6 holes with a minimum of 2 mm in diameter.</b> The exact positions of the perforation holes in the <b>SAFETY ZONE</b> may be determined at your discretion. These perforation holes in the <b>SAFETY ZONE</b> are necessary for water vapor permeability in a 4/4 sole model.
		It is important to certify the Multicovers in combination with the work or safety footwear in which the orthopaedic insoles are applied. <b>The certification of the Multicovers can be done at: <a href="http://www.neskrid.com">www.neskrid.com</a>.</b>
	 * = <NOC> mm	<b>For the 4/4 sole model, the maximum permitted thickness</b> including cover material in the <b>SAFETY ZONE</b> of the orthopaedic insoles is <b>definitively determined when certifying</b> the Multicovers in combination with the work or safety footwear in which the orthopaedic insoles are used.
		<b>With the 3/4 sole model,</b> only the cover material may be present under the <b>SAFETY ZONE</b> , otherwise the orthopaedic insoles will no longer meet the safety functions of the <b>SAFETY ZONE</b> !
		<b>Outside the SAFETY ZONE,</b> adjustments to the orthopaedic insoles may be made.



In order to comply with all product regulations, it is mandatory before delivery for the medical practitioner to have the orthopaedic insoles certified at [www.neskrid.com](http://www.neskrid.com) as custom-made Medical Devices according to Regulation EU/2017/745 (MDR).



During the certification of the Multicovers, it is verified that the orthopaedic insoles in combination with the client's work or safety footwear comply with Regulation EU/2016/425 for Personal Protective Equipment (PPE) with corresponding standards ISO 20345:2021 for safety footwear and ISO 20347:2021 for work footwear without a safety toe cap.



During the certification of the Multicovers, the maximum thickness including cover material of the orthopaedic insoles in the respective work or safety footwear is specified. The medical practitioner should always check whether the orthopaedic insoles meet this maximum thickness under the **SAFETY ZONE**. The medical practitioner of the client should always be aware of this.