



AN INTRODUCTION TO THE OPTIMUM RANGE
HIGH SPECIFICATION TECHNICAL LEATHERS

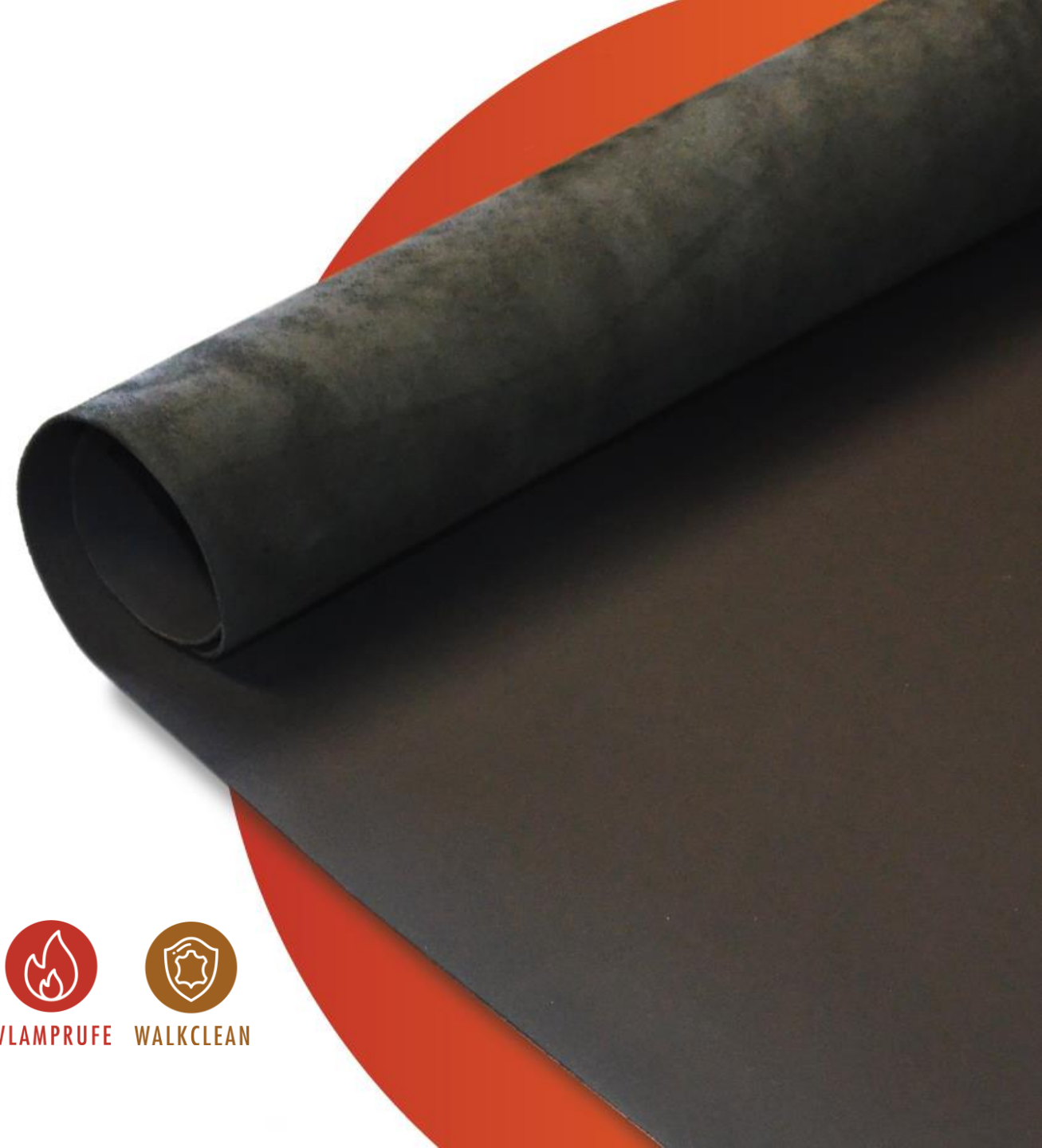


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INTRODUCING OUR OPTIMUM RANGE

Our Optimum Range of exclusive high performance leathers, is crafted with cutting edge leather science. It services the most demanding ranges of technical footwear produced in South Africa, Europe, the USA and Asia today.

We tailor-make leather for your end product - by applying the different technologies that you choose – whether in single form or a combination.



WALKSHIELD



WALKCOOL



WALKFRESH



BACTROBLOK



WALKDRY



WARRIOR



VLAMPRUFE



WALKCLEAN

HIGH SPECIFICATION TECHNICAL LEATHER

Our high performance leathers that forms part of this range include:



WALKSHIELD

Abrasion Resistant Leather -
designed to surpass the industry
standard for high contact abrasion
and scuff areas.





WALKSHIELD

Inspired by the well-known cow hide Zulu shield known as the 'Isihlangu' introduced during the times of the infamous Zulu Warrior King Shaka Zula for hand-to-hand combat: our WALKSHIELD Leather boasts the highest performance attributes of abrasion protection and scuff resistance.

This abrasion resistance tannage creates leathers for superior performance in high-contact surfaces.

WALKSHIELD complies and exceeds the requirements of ASTM D7255-14 and ASTM D7255.

It is well-matched to use in combination with any one of our OPTIMUM range - to create the perfect all round performing leather which has multiple performance properties.

HIGH SPECIFICATION TECHNICAL LEATHER

Our high performance leathers that forms part of this range include:



WALKCOOL

Sun-reflect Leather

that keeps the surface temperature of the shoe-upper material cooler compared to its conventional leather counterparts.





WALKCOOL

Our WALKCOOL technology allows the surface temperature of the upper shoe leather material to remain much cooler than conventional black leather.

This is achieved through our in-house adapted tanning processes which allows for the reflectance of Ultra-violet light and its heating properties.

The upper leather can be up to 40% cooler than conventional black leather.

It allows for greater user comfort in hot and dry climates or work environments exposed to these types of conditions.



WALKFRESH

WALKFRESH technology was developed to aid the 'breathability' of the leather.

The tanning process uses smart polymer technology that assists with the leather's ability to "breathe" allowing for perspiration to be diffused to the outside controlling the moisture levels on the inside.

It adds to the waterproofing and protection ability of the end product allowing perspiration to be diffused naturally from the inside out.

This leather assists with thermal comfort levels to allow for an easy and relaxed wear by the wearer itself.

HIGH SPECIFICATION TECHNICAL LEATHER

Our high performance leathers that forms part of this range include:



WALKFRESH

Breathable shoe-upper Leather - specifically developed to promote the 'breathability' of the leather.





BACTROBLOK

The BACTROBLOK process prevents the build-up of microbes on the leather in order to assist with:

- **Odor protection,**
- **Discoloration, and**
- **Deterioration of the fibre structure.**

This anti-microbial technology is permanently bonded to the leather and therefore retains its benefits even after wear.

HIGH SPECIFICATION TECHNICAL LEATHER

Our high performance leathers that forms part of this range include:



BACTROBLOK

Microbial resistant Leather -
our first in Africa, that actively
contributes to eliminating foot odor.





WALKDRY

WALKDRY's technology generates exciting levels of water and perspiration resistance in footwear and leathersgoods. It also adds to its extended comfort and long-lasting flexibility.

The tanning process permanently protects the leather fibres, both limiting water uptake and helps to reduce damage caused by perspiration. It does this without blocking the original structure so it can maintain its natural breathability.

WALKDRY is a permanent process and therefore retains its benefits for the full life-cycle of your end product – even after wearing it.

It exceeds the most stringent European (Bally test) and North American (Maeser test) assessment demands.

Well-matched to use in combination with any one of our OPTIMUM range - to create the perfect all round performing leather which has multiple performance properties.

HIGH SPECIFICATION TECHNICAL LEATHER

Our high performance leathers that forms part of this range include:



WALKDRY

Water Repellent shoe-upper Leather - meeting the highest European, Asian and North American water repellent demands, whilst maintaining superior breathability.





WARRIOR

WARRIOR'S unique property is its low Near Infrared Reflectance (NIR) signal which is most applicable in military and service environments.

The application of high quality UV cured digital prints makes this useful in other areas as well. Even high fashion items benefit from this technology as its colour options appeals to designers across the world.

It can incorporate any of the OPTIMUM range technologies.

HIGH SPECIFICATION TECHNICAL LEATHER

Our high performance leathers that forms part of this range include:



WARRIOR

Military Boot Leather -

with high performance near-infrared absorbent technology. On request, it comes in a high quality UV cured camouflage print.





VLAMPRUFE

VLAMPRUFE employs advanced polymer chemistry to permeate deep into the leather's fibre structure - not only to deliver more effective resistance but also to hinder the spread of fire for a longer period of time.

This innovative application not only improves the leather's fire retardant qualities, it does this without any impact on the attributes of the original leather.

VLAMPRUFE is compliant with: EN 15090: 2012

It is well-matched to use in combination with any one of our OPTIMUM range - to create the perfect all round performing leather which has multiple performance properties.

HIGH SPECIFICATION TECHNICAL LEATHER

Our high performance leathers that forms part of this range include:



VLAMPRUFE

Fire Retardant shoe-upper Leather -
in line with the most demanding standards
required by the global footwear industry.





WALKCLEAN

This effective treatment process of the leather allows it to repel oil and everyday stains more aggressively than ever before.

The technology is permanently bonded to the leather fibre through our unique tanning process.

It not only repels liquids, blocks stains and pushes spills away from the leather fiber for stains to release more easily, WALKCLEAN also imparts protection against salt staining, acid and alkali environments.

HIGH SPECIFICATION TECHNICAL LEATHER

Our high performance leathers that forms part of this range include:



WALKCLEAN

Anti-dirt shoe-upper Leather -

A highly effective treatment to leather for excellent oil and everyday stain repellence.





MORE THAN JUST A TANNERY

FOR MORE INFORMATION
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