

Pulsar: Protecting People and the Planet

2 years ago



[PULSAR®](#) and [Morgan Sindall](#) share well-earned reputations for focusing on people, performance and positive change. Where personal safety is paramount to the construction industry and its workforce, PULSAR® has supplied high performance, hi-visibility protective clothing to the talented teams at Morgan Sindall Construction for almost a decade, keeping site-based individuals protected in their place of work.

Though with innovation, comes change. And following a successful period of development and testing, PULSAR® launched its signature Life collection in 2023, a range of environmentally responsible, hi-visibility garments designed with Global Recycled Standard (GRS) certified fabrics and materials. With durability, inclusivity and circularity at the forefront of its design, the Life collection is helping conscious adopters reduce the environmental impact of PPE whilst supporting wearer comfort and safety with its practical designs. With this in mind, Morgan Sindall Construction was eager to become the first construction company to put the new PULSAR® Life collection through its paces.

Responsible practice and design-led solutions

Morgan Sindall Construction is a leading arm of the Morgan Sindall Group, recognised for its collaborative approach to modern construction projects and its commitment to innovation and sustainable practice. As part of its responsible business plan, the company prides itself on the health and safety of its workforce and actively collaborates with its supply chain to improve environmental and social values throughout the sector.

As part of a company-wide workwear upgrade in December 2023, PULSAR® supplied 1,400 Morgan Sindall Construction wearers with Life Collection garments, including reversible puffer jackets, stretch combat trousers, insulated parkas and brand new breathable, class 4 waterproof shell jackets and overtrousers, each conforming to the EN ISO:20471 standard. The range incorporates environmentally responsible

recycled polyester, nominated recycled linings, trims and Bluesign approved treatments and is further assisting Morgan Sindall Construction in reducing waste streams across the business, where the company has already diverted 96.7% of construction waste from landfill in the past 12 months.

Sharing the same vision, PULSAR® is Global Recycled Standard (GRS) certified, with all of the recycled content in its Life collection garments independently verified at each stage of the supply chain, from source to final design. PULSAR® Life Combat Trousers for example, incorporate a fluorine-free, durable water repellent finish fabric protector and a Cordura treatment on the knee and hem panels that supports extra durability, a practical design for wearers kneeling for long periods of time on hard, unforgiving surfaces. The Life Combat Trousers also boast abrasion resistance fabric in hard working areas and much like the collection's Polo Shirts, have been meticulously designed to ensure all materials and components can endure up to 50 domestic washes – 10 times the requirement standard. This circular design approach helps to promote a longer lifespan for each of the Life collection garments, reducing the need for regular replacements and minimising the environmental impact associated with repeat production and shipping.

Dressed for success

Quality, comfort and protection has always been a priority for PULSAR®. With its team of technical garment specialists and a comprehensive research and testing ideology, the business has committed to exceeding wearer expectations and is now driving change towards the attitudes and approach in protective clothing for female professionals.

Throughout the Life collection's development, PULSAR® worked closely with women's working groups to design comfortable and functional hi-visibility protective workwear for female professionals. With an experienced female product design team, PULSAR® controls fit development in-house and offers extensive wearer trials on site to ensure ladies garments are tested in the working environment, with a view of informing the development process and supporting a range of sizes and body shapes. As a result, each garment in the PULSAR® Life collection is available in an equal number of men's and women's fits, assuring all professionals at Morgan Sindall remain comfortable and safe at work, regardless of shape, size and gender.

Martin Hall, Safety, Health & Environment Director at Morgan Sindall Construction & Property Services, played a key role in overseeing this latest collaboration: "Since first adopting PULSAR® hi-vis clothing in 2017, Morgan Sindall Construction has confidently protected our teams from all weather and workplace hazards, whilst also seeing a reduction of replacement workwear products needed across the business.

"Time and time again, we're blown away by the quality, durability and attention to detail demonstrated by PULSAR®, and the Life collection has certainly raised the bar once more. Feedback from our on-site professionals has been overwhelmingly positive, with our female team members particularly impressed by the comfort, functionality and overall sizing of the women's-fit combat trousers and shell jackets – a challenge the construction industry has faced for too long. The use of certified, environmentally responsible materials and high-performance components aligns perfectly with our ethos and business goals too and is helping us to further reduce waste across our supply chain."

Stuart Jukes, Managing Director at PULSAR® continues: "Our Life collection products are setting new milestones in wearer comfort and environmental performance, and we're proud to supply Morgan Sindall

Construction with this latest hi-vis workwear upgrade as they look to meet the growing demands associated with inclusivity and environmental responsibility. Circular garment design has been a core focus for us throughout the Life collection's development, and by incorporating GRS certified fabrics into performance-led product design, we're able to equip teams with a set of garments that can suitably protect all professionals as well as the planet."