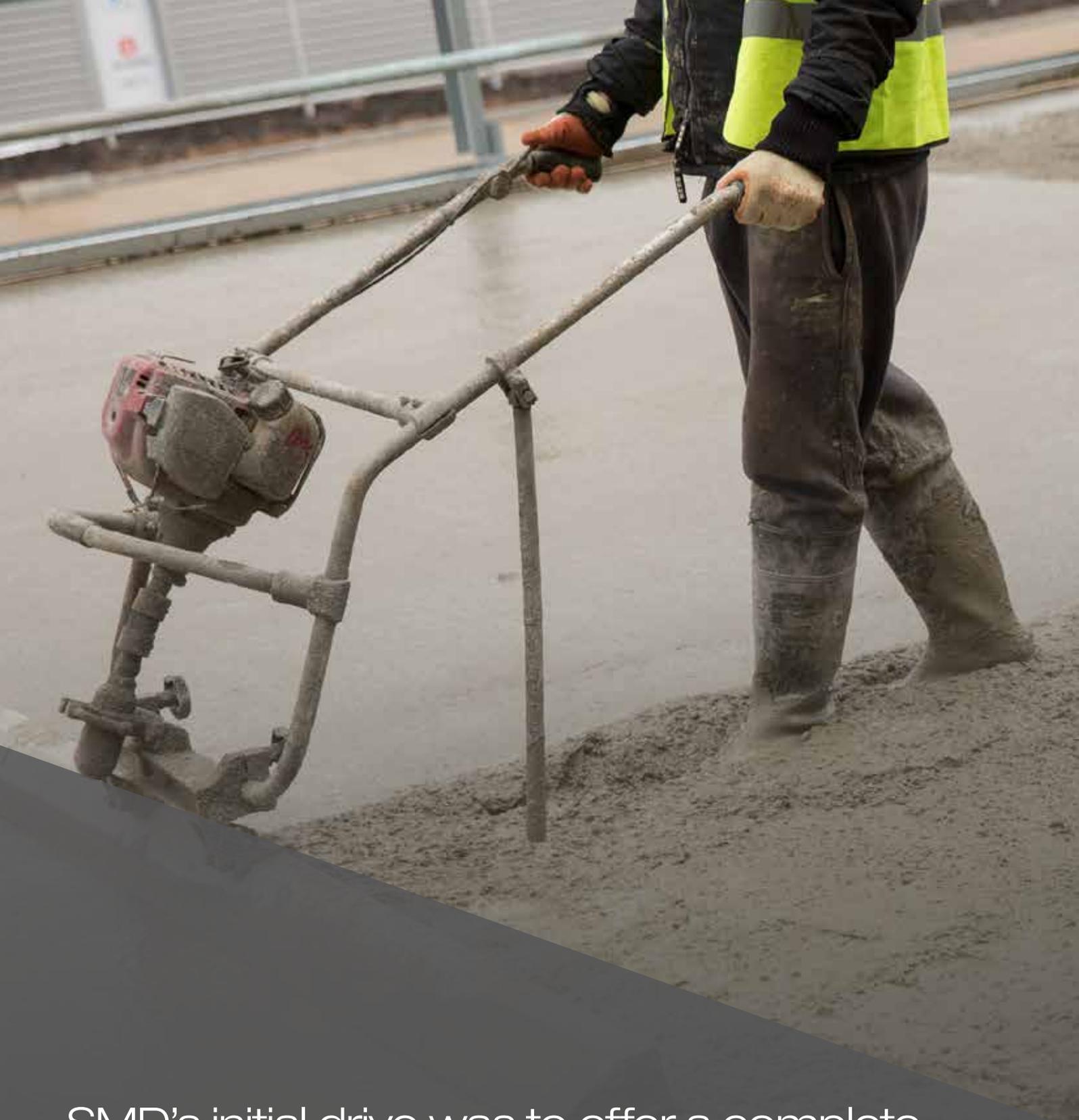
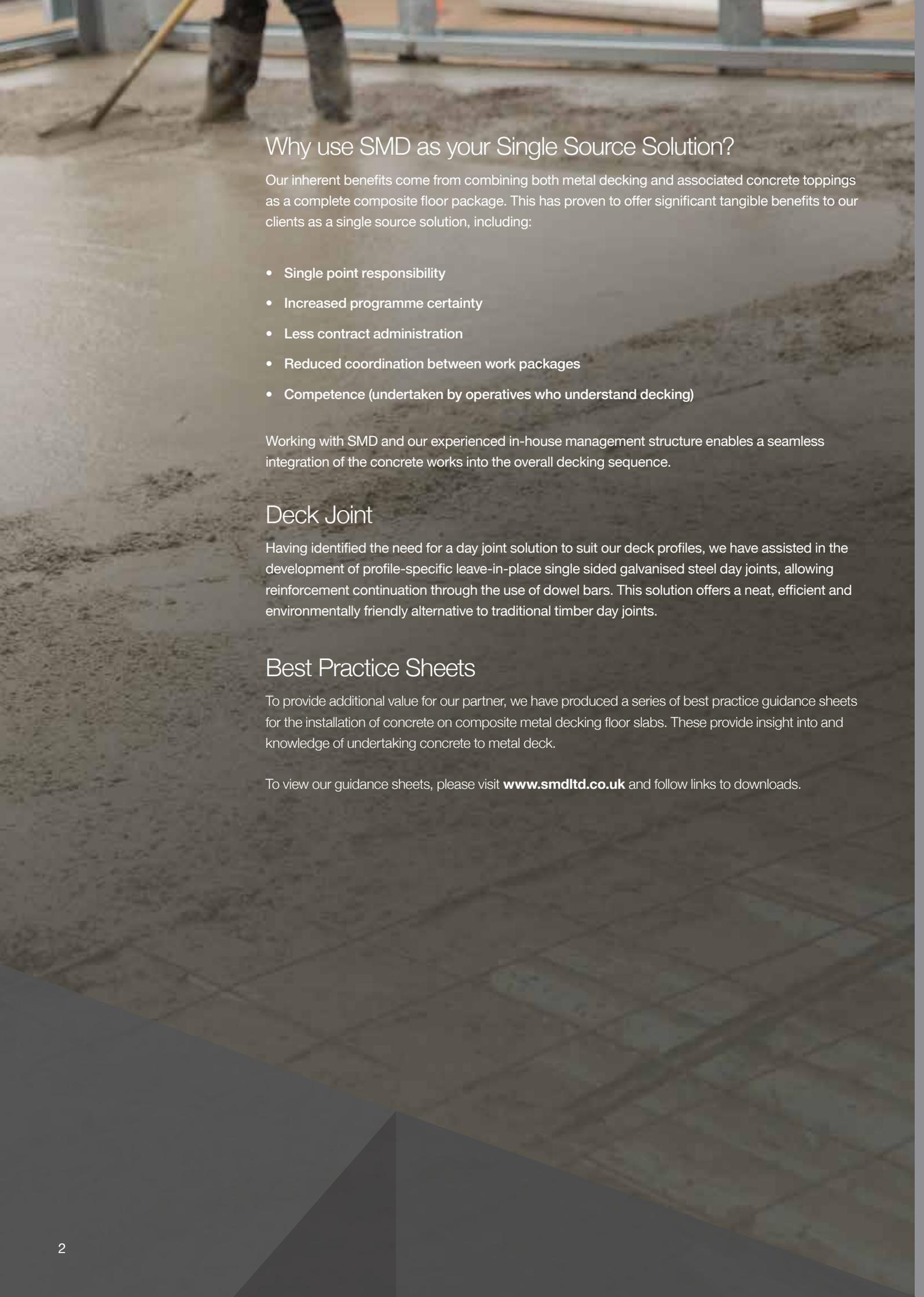




Delivering a Single Source Solution



SMD's initial drive was to offer a complete composite floor solution to our clients, but we soon identified the need to also take on works outside of suspended upper floor slabs, such as ground floor slabs and structural toppings.



Why use SMD as your Single Source Solution?

Our inherent benefits come from combining both metal decking and associated concrete toppings as a complete composite floor package. This has proven to offer significant tangible benefits to our clients as a single source solution, including:

- Single point responsibility
- Increased programme certainty
- Less contract administration
- Reduced coordination between work packages
- Competence (undertaken by operatives who understand decking)

Working with SMD and our experienced in-house management structure enables a seamless integration of the concrete works into the overall decking sequence.

Deck Joint

Having identified the need for a day joint solution to suit our deck profiles, we have assisted in the development of profile-specific leave-in-place single sided galvanised steel day joints, allowing reinforcement continuation through the use of dowel bars. This solution offers a neat, efficient and environmentally friendly alternative to traditional timber day joints.

Best Practice Sheets

To provide additional value for our partner, we have produced a series of best practice guidance sheets for the installation of concrete on composite metal decking floor slabs. These provide insight into and knowledge of undertaking concrete to metal deck.

To view our guidance sheets, please visit www.smdltd.co.uk and follow links to downloads.

Our Approach

SMD's business strategy is very much based around providing a first class service, ensuring our clients' needs are delivered at all levels, and that the business develops to meet their future needs. We strive to achieve SMD's main goals of Quality, Service, Safety and Sustainability.

Quality

Through our specialist Concrete Division, including office, site management personnel and nationwide network of specialist concreting teams, our policy is to achieve and maintain the highest quality in all aspects of our Concrete Division operations so that we continue to satisfy our customers' expectations for all services offered. We make sure the needs of our customers are clearly understood – and met – through close liaison at all stages of the works.

Service

Delivering excellent customer service is of the utmost importance to us, and just one of the reasons why we receive such a high level of repeat business. For SMD, 'excellent service' means being adaptable to change throughout all stages of a project, as well as ensuring sufficient resources are in place to provide flexible support. This applies to all SMD's areas of work, not just on-site but in our offices and logistics facilities, too.

Safety

With many years' construction experience, we know what a hazardous industry it can be. This is why we take Health & Safety issues very seriously, investing a significant amount of time and effort into developing our working methods to ensure all work is carried out in-line with current policies. As

well as the safety of our own employees, SMD recognises the importance of the health and safety of other people who may be affected by our works. To this end, we liaise closely with our clients to ensure we provide the highest possible standards of Health & Safety throughout the works.

Sustainability

Working in an environmentally responsible and sustainable way is an important consideration for today's construction industry. Many contractors will now only choose to work with those who have an established approach to sustainability issues. SMD is committed to working efficiently and effectively, protecting our environmental and economic resources, as well as operating in socially responsible ways. Our company has established operating policies and procedures and also holds accreditation to BS EN ISO 14001:1996 Environmental Management Systems. As a business, we also consider our actions regarding conservation, recycling, pollution, sourcing of materials, environmental damage, disruption and nuisance. We have targets in place to assess our on-going activities, and currently ensure the maximum percentage of any wastage is recycled, both on-site and within the office.





Steel Fibre Concrete

Steel fibre reinforced concrete is a composite material, formed by adding steel fibres into the concrete mix prior to pouring on-site. The addition of steel fibres transforms the normally brittle concrete into a more ductile material with enhanced post-cracking characteristics.

The increasing popularity of steel fibre reinforced concrete as a replacement for traditional mesh reinforcement is a welcome technological development. The reduction in handling, storage and safety issues it facilitates makes it a positive choice for many contractors, and the fact that using fibre concrete removes a stage in the installation process (thus reducing the overall time required to construct a composite metal deck slab) also adds to the appeal of this new solution. SMD have undertaken extensive testing using the TAB-Deck™ system with

our profiles, achieving excellent results. This fibre solution is now available to our clients.

Benefits of Steel Fibres

- No site storage required for bundles of mesh
- Improved safety due to less handling and reduced trip hazards
- Saves time by reducing the number of processes required to form the composite slab
- Efficient method due to reduced fixing and crane time, as well as faster overall installation time
- The addition of steel fibres turns brittle concrete into a more ductile material with greater load carrying capacity
- The three dimensional nature of the steel fibre also provides excellent crack control

Scope of Works

- Composite Concrete Slabs (metal decking to all manufacturer profiles – traditional mesh fabric/loose bar or steel fibre reinforced)
- Internal Concrete Floor Slabs (ground bearing or suspended – traditional mesh fabric/loose bar or steel fibre reinforced)
- Structural/Non-Structural Concrete Toppings (pre-cast planks or existing concrete floors – traditional mesh fabric/loose bar or steel fibre reinforced)
- Floor Screeds

Contact us today for a competitive quotation

For all your concrete requirements, contact our Head Office at estimating@smdltd.co.uk or call on 01202 718898, where our Concrete Team will be happy to advise you.



www.smdltd.co.uk

UK Tel: +44 (0) 1202 718898
UK Email: contactus@smdltd.co.uk

UK Head Office

The Outlook Ling Road Tower Park Poole Dorset BH12 4PY UK

UK Midlands Logistics Centre

Units 1+2 Nunn Brook Rise County Estate Huthwaite Nottinghamshire NG17 2PD

UK Scottish Logistics Centre

12 Palacecraig Street Coatbridge North Lanarkshire ML5 4RY

International Offices

United Arab Emirates – Dubai **Email:** uae.export@smdltd.co.uk
India – Mumbai **Email:** india@smdltd.co.uk

