

SCREEDING — SAND CEMENT AND LIQUID

Traditional and pumped screeds · pump lines · the cure time

ACTIVITY RAMS — ADAPT TO SITE BEFORE USE

KD-RAMS-AF-003 Rev A0

Statutory basis: HSWA 1974 s.2(2)(a) and MHSWR 1999 regs 3 and 5; Work at Height Regulations 2005 — an open floor void is a fall risk to everyone who walks onto the floor, not only to the fitters; COSHH 2002 with EH40/2005 (4th edition, 2020) for cement, resins and construction dust; PUWER 1998 for pumps, mixers and cutting equipment; Manual Handling Operations Regulations 1992; CDM 2015 regs 13 and 15. A floor that looks finished is not necessarily loadable: the working area stays barriered until the specified cure or set has been reached.

1 DOCUMENT AND PROJECT IDENTIFICATION

RAMS REFERENCE	PROJECT / SITE REF	SITE NAME AND ADDRESS	DATE PREPARED	NEXT REVIEW DATE
CLIENT / PRINCIPAL CONTRACTOR	PLANNED START	DURATION	OPERATIVES	SUPERVISING THE WORK

2 SCOPE OF WORKS

Installation of floor screeds: traditional sand-cement laid and levelled by hand, and pumped liquid anhydrite or cementitious screeds, including edge detail, bay layout and protection during cure.

This document does not cover: the screed specification and the substrate design, underfloor heating installation and commissioning, and floor finishes.

SITE-SPECIFIC SCOPE, LOCATIONS AND LIMITATIONS

3 RISK ASSESSMENT — SCORE EACH RISK FOR THIS SITE, THEN ADD WHAT IS MISSING

The hazards and controls below are the starting point for this activity, written by a working main contractor. They are not complete for your site until a competent person has scored each risk, added the site-specific hazards, and struck out anything that does not apply. Rate risks High / Medium / Low before and after controls.

1. Screed pump pressure, hoses and blockages

At risk: Operatives, others on the route

Controls: Pump operated by a trained operative; hoses inspected and coupled with safety pins and whip checks before start. The line is depressurised and confirmed at zero before any coupling is broken. Nobody stands over, straddles or works in line with a hose while it is under pressure, and a blockage is cleared to the manufacturer's procedure — never by striking the line or by looking into it.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

2. A floor loaded or trafficked before it has cured

At risk: Following trades, the finished floor

Controls: The specified cure or set time is stated on the barrier and on the sign, with the date and time it can be walked and the date it can be loaded — two different times. The area stays barriered until the earlier of those, and no materials are stacked on it until the later. Where a following trade needs earlier access, that is agreed with the specifier, not with the gang.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

3. Skin contact with cements, plasters, adhesives and sealants

At risk: Operatives

Controls: COSHH assessments for every substance; gloves matched to the substance; barrier and after-work creams available; washing facilities close to the work; report skin problems early — dermatitis is a reportable trend, not a private nuisance.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

4. Manual handling of boards, materials and components

At risk: Operatives

Controls: Mechanical aids first — trolleys, board lifters, hoists. Two-person lifts for boards and long components; order materials in manageable sizes; plan storage close to the workplace; keep carrying routes clear and lit.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

5. Respirable silica and general dust from cutting and drilling

At risk: Operatives, others in the area

Controls: On-tool extraction (M-class) or wet suppression; RPE to the COSHH assessment (FFP3, face-fit tested) where extraction cannot adequately control exposure; sheet and segregate the work area in occupied buildings.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

6. Striking hidden services when drilling, cutting or fixing

At risk: Operatives

Controls: Check drawings and the services register, scan with a CAT before drilling or chasing into existing fabric, respect safe zones, and stop and reassess if an unrecorded service is found.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

7. Interface with occupants, other trades and the public*At risk: Occupants, other trades, the public*

Controls: Segregate the work area — barriers, signage, sheeting; agree access routes and working hours with the occupier; never obstruct escape routes; deliveries and waste runs outside peak movement times where agreed.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

8. Slips, trips and housekeeping*At risk: Everyone in the work area*

Controls: Keep the workforce clear, remove waste and offcuts as they are created, route leads at high level or under mats, and maintain task lighting.

INITIAL (H/M/L)	RESIDUAL (H/M/L)	SITE-SPECIFIC ADDITIONAL CONTROLS, OR N/A	ACTION OWNER	BY WHEN

Site-specific hazards not listed above — every site has at least one:

HAZARD	WHO IS AT RISK	CONTROLS	INITIAL HI...	RESIDUAL...	ACTION OWNER	BY WHEN

4 METHOD — SEQUENCE OF WORK

- 01 Confirm the specification, the substrate condition and the bay layout; check any underfloor heating is pressure-tested and protected.
- 02 Agree the pump position, the hose route and the exclusion along it; brief everyone on the route.
- 03 Set levels and install edge and movement detail before any screed is placed.
- 04 Couple hoses with safety pins and whip checks; test run and confirm communication with the pump operator.
- 05 Place, level and finish; nobody works in line with a pressurised hose and no coupling is broken until zero pressure is confirmed.
- 06 Barrier and sign the floor with the walk-on time and the load-on time stated separately.
- 07 Clean out lines and plant to the correct waste stream; wash out is never to a drain.

SITE-SPECIFIC AMENDMENTS TO THE SEQUENCE

5 PLANT, EQUIPMENT AND MATERIALS

- | | |
|--|--------------------------------|
| Screed pump and hoses with whip checks | Laser level |
| Forced-action mixer for traditional screed | Barriers and cure-time signage |

INSPECTION / THOROUGH EXAMINATION REFS

COSHH ASSESSMENT REFS

6 PPE — THE LAST LINE OF CONTROL, NOT THE FIRST

- | | | |
|-----------------|---------------------|---|
| Head protection | Gloves — task-rated | Waterproof gauntlets — wet cement is corrosive and a sensitiser |
| Safety footwear | Eye protection | Waterproof knee protection |
| High visibility | Hearing protection | Eye protection |

RPE TYPE, FACE-FIT STATUS, AND ANY OTHER PPE REQUIRED

7 PERMITS REQUIRED BEFORE THIS WORK STARTS

A permit authorises this work in that place, on that day. It extends the safe system of work in this document — it does not replace it (HSE HSG250). The site issues the permit; record its number before work starts.

KD-PTW-GP-003 — General Permit to Work

For pump set-up and hose runs through occupied areas.

PERMIT NUMBER

KD-PTW-PE-009 — Permit to Enter

For occupied buildings.

PERMIT NUMBER

8 EMERGENCY ARRANGEMENTS — COMPLETE FOR THIS SITE

SCREEDING — SAND CEMENT AND LIQUID

continued

ACTIVITY RAMS — ADAPT TO SITE BEFORE USE

KD-RAMS-AF-003 Rev A0

FIRST AIDER AND LOCATION	NEAREST A&E	ASSEMBLY POINT
HOW THE ALARM IS RAISED	EMERGENCY ACCESS FOR THIS WORK AREA	SPILL / ENVIRONMENTAL RESPONSE

9 BRIEFING RECORD — EVERYONE WORKING UNDER THIS RAMS SIGNS BEFORE STARTING

By signing you confirm the contents of this RAMS have been explained to you, you understand the hazards and controls, and you will work to the sequence stated. Tell the supervisor if the work or the site does not match this document — work stops until it does.

NAME	COMPANY	SIGNATURE	DATE

10 PREPARED AND ACCEPTED

Prepared / adapted for this site by — I confirm I have adapted this document to the site, scored the risks, and that it describes how the work will actually be done.

PRINTED NAME	ROLE / COMPETENCE	COMPANY	SIGNATURE	DATE	TIME

Accepted for the site by — principal contractor or site manager review.

PRINTED NAME	ROLE	COMPANY	SIGNATURE	DATE	TIME

Review this RAMS if the work, the site or the law changes, and at least before each new phase of the works. Flatten the completed PDF before filing so the record cannot be silently edited.

R REVISION HISTORY

Every revision of this document, and every review that found nothing to change. The revision on the front of this sheet is the one you are holding — check kubitdocs.com for the current one before use.

Rev	Date	Class	What changed	Authorised by
D0	2026-08-11	first-issue	First issue.	— not yet approved —
A0	2026-08-27	review	Approved for issue by the author. Content unchanged from D0; the draft status strip is removed. No independent third-party review has been carried out.	Author — director, UK principal contractor, SMSTS. Not an independent review.

Class: first-issue · material (the law, a control, a field or the scope changed — past buyers are notified) · editorial (wording or layout only) · review (checked, nothing changed) · withdrawal. Revision prefix D = draft, not approved and not for sale; A = approved for issue by the person named, on the date shown.