

FLAT ROOFING — SINGLE-PLY AND COLD-APPLIED      ACTIVITY RAMS — ADAPT TO SITE BEFORE USE

Single-ply membranes · liquid systems · adhesives — flame-free flat roofing

KD-RAMS-RO-002 Rev A0

Statutory basis: Work at Height Regulations 2005 and HSE HSG33 (5th edition, 2020) — roof work is planned from the assumption that unprotected roof work kills; HSWA 1974 s.2(2)(a) and MHSWR 1999 regs 3 and 5; the Joint Code of Practice, 10th edition (2022) incorporating Amendment 2 (2025), for hot works on roofs; COSHH 2002; Manual Handling Operations Regulations 1992; CDM 2015. Every roof is treated as fragile until a competent person confirms otherwise in writing.

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 single-ply membranes (adhered and mechanically fixed) and cold-applied liquid systems: preparation, membranes, details and terminations. This document does not cover: hot-air welding near combustibles outside the manufacturer's method, and torch-on systems (KD-RAMS-RO-001).

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. Falls from the roof edge

At risk: Roofers

Controls: Full perimeter edge protection before work starts — guardrails and toe-boards to the design; where impracticable for short-duration work, restraint systems to rated anchors with the justification recorded; access by secured stair or ladder tower.

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

2. Falls through fragile surfaces and rooflights

At risk: Roofers, other trades

Controls: Assume fragile until confirmed otherwise in writing; every rooflight covered or barriered — including those under new sheeting; walkways and crawl boards where surfaces cannot bear load; signage at every access point.

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

3. Wind, rain and ice on the roof

At risk: Roofers

Controls: Wind limits agreed before work (sheet handling stops well below general work limits); no roof work on iced or wet fragile surfaces; forecasts checked daily; materials secured against uplift at every break.

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

4. Materials and tools falling from the roof

At risk: Everyone below

Controls: Exclusion below the work area; debris netting/brick guards on edge protection where required; nothing thrown from the roof — chutes or lowered loads; tools lanyarded at edges.

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

5. 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 workspace; 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 |
|-----------------|------------------|-------------------------------------------|--------------|---------|
|                 |                  |                                           |              |         |

6. Adhesive and resin vapours — flammable and harmful

At risk: Roofers

Controls: COSHH assessments per product; solvent adhesives away from ignition; RPE per the data sheet for liquid systems in still air; containers closed and stored off the roof overnight.

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

7. Membrane sheets in wind — sails at the edge

At risk: Roofers

Controls: Sheet handling stops at the agreed wind speed — lower than general work; sheets weighted immediately; never carry an unrolled sheet near an edge.

| 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

- Confirm edge protection and access; check the wind forecast against sheet-handling limits.
- Prepare and prime per the system; membranes laid and secured progressively — nothing left loose.
- Fix or adhere per the specification; hot-air weld laps with the fire controls the method requires.
- Apply liquid systems with ventilation awareness and the data-sheet PPE.
- Secure all materials at every break; leave no loose membrane overnight.

SITE-SPECIFIC AMENDMENTS TO THE SEQUENCE

#### 5 PLANT, EQUIPMENT AND MATERIALS

Hot-air welders  
Adhesive applicators

Material hoists

INSPECTION / THOROUGH EXAMINATION REFS

COSHH ASSESSMENT REFS

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

Head protection  
Safety footwear  
High visibility

Gloves — task-rated  
Eye protection  
Hearing protection

RPE per data sheet for liquid systems

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-RF-007 — Roof Work Permit**

For the roof access and fragility controls.

PERMIT NUMBER

#### 8 EMERGENCY ARRANGEMENTS — COMPLETE FOR THIS SITE

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 |
|------|---------|-----------|------|
|      |         |           |      |
|      |         |           |      |
|      |         |           |      |
|      |         |           |      |
|      |         |           |      |

| 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  | 2026-08-09 | first-issue | First issue.                                                                                                                                                                                                                                                                             | — not yet approved —                                                          |
| D1  | 2026-08-10 | material    | HSG33 dated to the 5th edition, 2020; Joint Code of Practice dated to the 10th edition (2022) incorporating Amendment 2 (2025). Legislation position reviewed against Product Legislation Register KD-REG-01 Rev R01.3 and the August 2026 horizon scan; cutoff moved to 10 August 2026. | — not yet approved —                                                          |
| A0  | 2026-08-27 | review      | Approved for issue by the author. Content unchanged from D1; 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.