

Statutory basis: COSHH 2002, including reg 11 health surveillance where workers are exposed to sensitisers such as isocyanates, with the workplace exposure limits in EH40/2005 (4th edition, 2020); DSEAR 2002 for flammable vapours and their storage; Work at Height Regulations 2005 and HSE HSG33 (5th edition, 2020) for the roof itself; the Environmental Permitting (England and Wales) Regulations 2016 regs 12 and 38 for spills reaching drains and water, and the Hazardous Waste (England and Wales) Regulations 2005 for contaminated waste; the Control of Asbestos Regulations 2012 before existing coatings are disturbed; CDM 2015 regs 13 and 15. This document is the recorded safe system of work required by HSWA 1974 s.2(2)(a) and MHSWR 1999 regs 3 and 5.

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

Use of solvent-based bitumen primers, contact adhesives, cleaners, and liquid-applied coatings including polyurethane (isocyanate) and PMMA systems on roofs — storage, mixing and decanting, application by brush, roller or spray, curing, spills and waste — including protecting building occupants and people below from vapour and spray.

This document does not cover: the membrane installation itself (KD-RAMS-RO-001, KD-RAMS-RO-002), hot bitumen (KD-RA-RF-002), and any disturbance of existing roof coatings before the asbestos register has been checked.

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. Breathing solvent vapour — dizziness and loss of balance at height, and longer-term harm

At risk: Roofers

Controls: COSHH assessment for each product from its safety data sheet before it arrives; water-based or lower-hazard products where the specification permits; brush or roller in preference to spray; work positioned upwind; exposure kept within the limits in EH40/2005; RPE to the assessment, face-fit tested; anyone feeling dizzy moves away from the edge and stops.

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

2. Isocyanates in polyurethane systems and methacrylates in PMMA systems — skin and respiratory sensitisation, occupational asthma

At risk: Roofers

Controls: Sensitisers identified from the data sheet in the COSHH assessment; skin contact prevented — gloves of the stated material and disposable coveralls; isocyanate systems sprayed only with the RPE the assessment specifies; exposed workers under health surveillance (COSHH 2002 reg 11); anyone with skin or breathing symptoms reported and kept off the product.

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

3. Vapour drawn into the building through air intakes, open windows and vents

At risk: Occupants, building users

Controls: Air handling intakes, vents and openable lights within reach of the vapour identified before work; shutdown of air handling plant, closure of openings or working times agreed with the building manager; odour complaints inside stop the application until the cause is found.

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

4. Fire or flash from flammable vapour

At risk: Roofers, the building

Controls: No hot works, torches, smoking or other ignition sources in the area the data sheet makes hazardous, and none until the solvent has flashed off for the time it states; only the day's quantity on the roof; containers closed when not in use; stock kept off the roof in a ventilated flammables store (DSEAR 2002).

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

5. Skin and eye contact — splashes when mixing, decanting and applying

At risk: Roofers

Controls: Chemical-resistant gloves of the material the data sheet names; goggles when mixing, decanting or spraying; decanting at ground level over a drip tray; eye-wash at the workplace; contaminated clothing changed.

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

6. Spray drift onto people, vehicles and property below

At risk: The public, neighbours, other trades

Controls: Spraying only where the assessment allows it; a wind limit for spraying set for the product and site before work and checked at roof level; spraying stops above it; vehicles, openings and people below protected, moved or kept clear by agreement; brush or roller near edges and intakes.

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

7. Spills, run-off and contaminated waste *At risk: The environment, waste handlers*
Controls: Spill kit on the roof; outlets and gutters protected; tools never washed into drains; a spill reaching a drain or watercourse reported through the principal contractor; tins, rags and residues in closed metal containers and consigned as hazardous waste where classified as such.

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

8. Disturbing asbestos-containing materials in existing buildings *At risk: Operatives, building occupants*
Controls: Check the asbestos register before any intrusive work (CAR 2012). No register, or unclear entries, means stop and refer. If suspect material is found: STOP, withdraw, secure the area and report it — the discovery procedure applies before any further work.

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 H/...	RESIDUAL...	ACTION OWNER	BY WHEN

4 METHOD — SEQUENCE OF WORK

- 01 Obtain the safety data sheet for every product; complete and brief the COSHH assessment, including sensitisers, RPE, gloves, health surveillance and the flash-off time before any hot works.
- 02 Check the asbestos register before any existing coating or felt is prepared or removed.
- 03 Identify air intakes, vents and openings near the work; agree shutdown or timing with the building manager.
- 04 Set up the ground-level store and mixing point with drip trays, spill kit and extinguisher.
- 05 Take only the day's quantity to the roof and keep containers closed.
- 06 Confirm there are no hot works or ignition sources in the area; post signs at the roof access.
- 07 Before spraying, check wind against the spraying limit and protect or clear the area below.
- 08 Apply working upwind and back towards the access, never towards an edge; keep coated areas untrafficked until cured.
- 09 Stop if vapour reaches the building, spray drifts, a spill occurs or anyone feels unwell; deal with it before restarting.
- 10 Return unused product to the store; remove waste in closed containers and record hazardous waste consignments.

SITE-SPECIFIC AMENDMENTS TO THE SEQUENCE

5 PLANT, EQUIPMENT AND MATERIALS

Closed metal containers and drip trays	Ventilated flammables store at ground level
Spill kit and absorbent	Eye-wash station
Brushes and rollers; spray only where assessed	Extinguisher; anemometer for spraying
INSPECTION / THOROUGH EXAMINATION REFS	COSHH ASSESSMENT REFS

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

Head protection	Gloves — task-rated	Chemical-resistant gloves per data sheet
Safety footwear	Eye protection	Disposable coveralls for sensitising products
High visibility	Hearing protection	RPE per COSHH assessment, face-fit tested

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

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	2026-09-11	first-issue	First issue.	— not yet approved —
A0	2026-09-11	review	Approved for issue by the author. Content unchanged from the reviewed draft; 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.