

Construction COSHH assessments

IPS house and HomePod | Revision 1 | 11 October 2026

Construction master for site-specific completion. Covers finished panels, process-generated dust and products applied during assembly and finishing. Raw PU production, injection and factory chemical cleaning are excluded.

The cured Plixxent core is assessed as part of the finished panel. Plixxent construction glue and uncured Rawlplug gun foam are separate site-use products with separate exposure assessments.

Required detail	Site record
Project / work location	_____
Assessor / competent reviewer	_____
Supervisor / applicators	_____
Assessment / review date	_____
Emergency contact / eyewash location	_____

Release status

No task is released solely by this master. Complete the exposure record and acceptance for each applicable assessment. Where a matching SDS or product identity is missing, hold that product's use until resolved. Mark unused alternatives not applicable. Reassess after product, method, location or health changes.

Fixings North West quote Q299705(1), dated 9 October 2026, identifies PROA024 Protecta ASF Contract Mastic 600ml foil and RAWR-RPP-B1 Rawl B1 Fire Resistant Gun Foam. Neither is assumed to replace specified structural glue or establish an assembly fire rating.

Task exposure and release record

Copy this page for each C01–C16 used on the project. Record actual exposure; quantities in a supplier quotation are not daily-use estimates.

Required detail	Site record
Assessment ID / exact product / batch	_____
SDS title / revision / location	_____
Task / application method / substrate	_____
Quantity per shift / duration / frequency	_____
Indoor/outdoor / room size / ventilation	_____
People exposed / nearby trades	_____
Elimination / substitution considered	_____
Extraction type / inspection / airflow	_____
Glove type / thickness / change interval	_____
Eye protection / clothing	_____
RPE type / filter / APF / face fit	_____
Exposure limits / monitoring required	_____
Health surveillance decision / owner	_____
Storage / spill kit / waste route	_____
Initial risk / residual risk / reasons	_____
Reviewer / signature / release date	_____



Common controls and emergency response

Prevent exposure at source

Use pre-cut components and controlled application where practicable. Separate dusty cutting and spray work from other trades. Use suitable extraction at source, maintain equipment and check capture before work. Avoid dry sweeping and compressed-air cleanup. Select any vacuum and waste method for the material; do not assume a domestic vacuum is adequate.

PPE and competence

Confirm chemical glove material, thickness and breakthrough time with the product and glove suppliers. Select goggles where dust or splashes can reach eyes. A particulate mask does not control vapours. A competent assessor must select RPE for the actual exposure, establish filter-change rules and arrange fit testing for tight-fitting equipment. Check training and suitable arrangements for workers with relevant sensitisation or symptoms.

First aid and incidents

Stop exposure. Call 999 for serious breathing difficulty, collapse or severe injury. Move to fresh air only where safe. For eye contamination begin immediate clean-water irrigation, remove contact lenses if easy and follow the product SDS; seek urgent medical help for cement/alkaline exposure or persistent symptoms. Remove contaminated clothing and wash skin; do not clean skin with solvents. If swallowed, seek medical advice with the label/SDS and do not induce vomiting. Keep the actual SDS accessible to responders.

Spills fire and waste

Isolate the area, keep unprotected people out and use the product-specific spill method. Do not improvise water cleanup for reactive products. Prevent release to drains. Evacuate for a significant leak, uncontrolled vapour or fire; only trained people tackle a small fire where escape remains safe. Segregate uncured chemicals, contaminated absorbents, aerosols and cured solid waste for an authorised disposal route.

Supervision and review

The supervisor checks controls each shift and stops work for failed extraction, poor ventilation, leaks, uncontrolled spray, eye/skin contamination or symptoms. The assessor decides whether exposure measurement and health surveillance are needed for dust, isocyanates or dermatitis risks. Record corrective action and review before restarting. SDS information supports but does not replace assessment of the task.



C01 | Finished IPS panels and cured Plixxent core

Identity and evidence

Supplier finished-panel safety information required. Existing Sulfrack/Sulfycor draft COSHH, 29 September 2026, is supporting information, not a manufacturer SDS.

Task people and exposure

Handling, cold cutting and drilling; inhalation of mixed board/core dust, eye and skin contact. Cured core is not assessed as liquid production MDI. Board silica content is not verified. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Prefer factory cuts. Support panels and use compatible on-tool extraction with segregated cutting. No flame or hot-wire cutting. Capture dust during vacuum cleanup. Select dust RPE after exposure assessment; establish board composition before repeated cutting.

Release conditions

Confirm panel/board identity, dust constituents, extraction and residual exposure. Record any cutting restrictions and occupational-health advice.

Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



C02 | Timber and chipboard dust

Identity and evidence

Task-generated dust; board/timber supplier information and current exposure assessment required.

Task people and exposure

Sawing, routing and drilling plates, battens or decking; inhalation, eye contact and dermatitis. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Order cut lengths. Use guarded tools with extraction and a designated cutting area. Vacuum cleanup. Select suitable eye protection and residual-dust RPE. Check engineered-board composition and coating information.

Release conditions

Record timber species/board grade, extraction, frequency, monitoring and health-surveillance decision.

Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



C03 | Plasterboard brick slips and masonry dust

Identity and evidence

Material-specific supplier information required; do not assume all dust has the same composition.

Task people and exposure

Cutting, drilling and sanding; respirable dust and possible crystalline silica from masonry products. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Prefer pre-cut pieces and score-and-snap where suitable. Use compatible extraction or engineered wet cutting with slurry containment. Separate masonry cutting; no uncontrolled dry grinding. Select RPE for actual residual exposure.

Release conditions

Verify constituents, silica exposure controls, tool method, cleanup and respiratory surveillance decision.

Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



C04 | Plixxent construction glue

Identity and evidence

HOLD: exact adhesive trade name/grade and current GB SDS not identified. Raw Plixxonat foam-production SDS is not a substitute.

Task people and exposure

Bonding panel/spline or closure interfaces; potential skin, eye and inhalation exposure depends on the exact adhesive formulation. No hazard classification assigned without matching evidence. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Before use, approve substrate compatibility, application and cure conditions with the IPS detail. Assess uncured application, cleanup and curing separately. Define ventilation, compatible gloves, eye protection and any RPE from the matching SDS. Do not spray or use an unassessed solvent cleaner.

Release conditions

Obtain labelled product identity, SDS and application instructions. Determine isocyanate/solvent content, training needs, exposure controls, emergency actions, storage and waste route before release.

Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



C05 | Protecta ASF Contract Mastic 600ml foil

Identity and evidence

FNW PROA024, quote Q299705(1). HOLD: matching current manufacturer SDS and exact grade confirmation required; no substitute FR product assumed.

Task people and exposure

Gun application and tooling at approved seals; possible skin/eye contact and vapour exposure pending composition confirmation. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Use only at approved detail locations. Controlled bead application; prevent hand tooling on bare skin. Assess ventilation, compatible gloves and splash protection from the matching SDS. Collect foil and uncured waste. Do not claim a fire-resistance rating from the product name.

Release conditions

Supplier to match PROA024 to product label/SDS and system detail. Confirm whether this replaces or supplements any previously selected external sealant.

Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



C06 | Rawlplug R-RPP-B1 gun foam

Identity and evidence

FNW RAWR-RPP-B1. Manufacturer SDS v2.3, 29 July 2024; confirm supplied can matches this version/product, not WET variant.

Task people and exposure

H222/H229 flammable pressurised aerosol; H302 harmful swallowed; H315/H319 skin/eye irritation; H317/H334 sensitisation; H335 respiratory irritation; H351 suspected cancer; H373 repeated inhalation harm. Contains isocyanates. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Use controlled gun application in an assessed ventilated area, excluding others and ignition sources. Wear compatible chemical gloves, goggles and workwear. Assess respiratory protection and training before use; dust masks alone are unsuitable. Keep cans below 50°C, out of sunlight; do not pierce/burn. Stop for respiratory symptoms.

Release conditions

Confirm ventilation, occupational-health arrangements and approved seal location. Eye exposure: irrigate at least 10 minutes and obtain medical care. Match cleaner to a separate assessment. Trim only fully cured foam with dust controls; B1 wording is not an assembly fire approval.

Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



C07 | Terrix RN-LF 5 joint filler

Identity and evidence

SDS v3.2, May 2025. HOLD for supplier clarification: H351 appears in label section 2.2 but is absent from classification section 2.1.

Task people and exposure

Powder mixing, application and cured sanding. Sheet identifies H315 skin irritation, H318 serious eye damage and H335 respiratory irritation. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Control powder tipping and mixing dust; use low-dust handling and suitable extraction. Prevent wet alkaline material contacting skin; use supplier-compatible gloves, covered skin and goggles. Avoid kneeling in wet product. Control cured sanding dust.

Release conditions

Resolve SDS inconsistency and confirm exact grade, shelf life, mixing method and RPE. Eye splashes require immediate irrigation and urgent medical assessment.

Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



C08 | Terrix RNLf8 panel joint treatment

Identity and evidence

HOLD: matching current SDS required. A technical data sheet is not a COSHH assessment.

Task people and exposure

Mixing/application at the 2 mm panel joint with specified scrim; dust, splash and skin exposure depend on supplied formulation. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Follow approved joint system. Control powder if supplied dry, prevent wet skin contact and isolate sanding. Confirm ventilation, glove resistance, eye protection and residual-dust RPE from product evidence.

Release conditions

Obtain exact grade/SDS, mixing and cure details. Do not transfer RN-LF5 classification automatically.

Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



C09 | Terrix AD-AB basecoat / adhesive

Identity and evidence

HOLD: matching current SDS required. AD-BR SDS does not identify AD-AB.

Task people and exposure

Mixing, mesh embedment and basecoat application; dust or wet contact according to actual form. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Minimise dusty mixing and splashes; use a stable mixing station and suitable extraction. Prevent skin contact and contain washout. Assess sanding/grinding separately.

Release conditions

Confirm full Terrix system, actual AD-AB formulation, SDS, PPE and emergency controls.

Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



C10 | Terrix PR-PS-R primer

Identity and evidence

Archived SDS issue 2, 1 October 2021, names PR-PS-R/PR-PS-P; match exact supplied grade and obtain current issue. Mixture not classified; EUH208 allergy and EUH211 aerosol warning.

Task people and exposure

Priming external substrate; skin/eye contact, inhalation especially if sprayed. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Use controlled hand application where the accepted system allows. Ventilate, protect skin/eyes and prevent aerosol drift. Spray requires a separate exposure decision, exclusion zone and suitable respiratory controls.

Release conditions

Resolve naming/current SDS, application method, preservative sensitivity and washout disposal.

Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



C11 | Terrix RD-PS-S external render

Identity and evidence

SDS v2, September 2022: H412 long-lasting aquatic harm; EUH208 allergic reaction warning. Confirm current matching SDS.

Task people and exposure

Wet render mixing/application and spraying; splash, skin and aerosol exposure. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Segregate spray zone and protect nearby people. Ventilate and assess spray capture/RPE. Use compatible gloves and goggles. Protect drains, collect residue and equipment washings. Isolate pressurised equipment before clearing blockages.

Release conditions

Confirm spray settings, exposure controls, re-entry and waste route. Assess cured cutting/sanding separately.

Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



C12 | Terrix PL-SX finish plaster

Identity and evidence

HOLD: exact PL-SX grade unresolved. Archived PL-SX-S issue 1, 20 April 2018, is not sufficient to clear an unspecified current product.

Task people and exposure

Plaster application and possible spraying/sanding; formulation and exposure require confirmation. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Approve substrate/system and application method. Prevent splashes, ventilate and segregate spraying. Control cured dust by extraction. Determine gloves, goggles and RPE from current product data.

Release conditions

Obtain exact grade/current SDS; old non-classified statement is not transferred to a different product.

Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



C13 | Terrix IP-ST-P internal paint

Identity and evidence

SDS v2, September 2022: mixture not classified; EUH211 spray/aerosol warning. Alkaline pH 11-12 reported. Confirm current issue.

Task people and exposure

Roller/brush or spray painting; skin/eye contact and spray inhalation. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Prefer controlled hand application if specification allows. Ventilate and protect skin/eyes. Spray needs exclusion, ventilation and task-selected RPE; a non-classified mixture is not evidence that inhaling spray is safe.

Release conditions

Record actual application and drying/re-entry conditions. Assess cleaning product separately; contain washout.

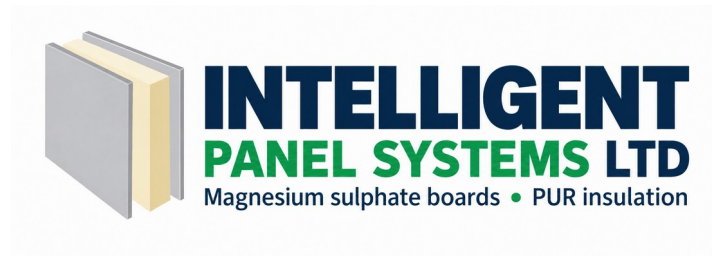
Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



C14 | Terrix AD-BR brick-slip adhesive

Identity and evidence

SDS v3, October 2023: mixture not classified; EUH208 isothiazolinone allergy warning, EUH210. Confirm current matching product.

Task people and exposure

Brick-slip adhesive application; wet skin/eye contact. Brick cutting is C03; selected grout needs its own SDS assessment. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Apply with controlled tools; avoid bare-hand contact and splashes. Select compatible gloves and eye protection. Maintain hygiene and collect waste. Do not substitute this sheet for AD-AB.

Release conditions

Confirm brick-slip system, grout product, cutting controls and sensitisation precautions before work.

Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



C15 | Remmers roof system and cleaners

Identity and evidence

HOLD: exact membrane/coating, primer, activator and cleaning products not identified.

Task people and exposure

Roof application; each component may have different inhalation, skin, ignition and curing hazards. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Obtain full system list and SDS for every component. Assess mixing, application, ventilation, ignition control, compatible PPE, spill response and curing access. Roof-edge controls remain under HomePod RAMS.

Release conditions

Complete a separate product assessment for each component and confirm roof system technical acceptance before application.

Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



C16 | SIGA Fentrim and other sealing accessories

Identity and evidence

Exact tape variant/primer and any external sealant or cleaning product must be matched. Avoid duplicate assessment where C05 or C06 is the selected product.

Task people and exposure

Tape application and associated primers/cleaners; exposure depends on products used. Applicators, assistants, cleaners and nearby trades may be exposed; complete the task record for actual duration and quantities.

Required controls

Confirm substrate preparation and tape system. Use tools to minimise skin contact with adhesives. No unassessed solvent cleaning or primer. Assess ventilation, ignition and chemical PPE if a liquid accessory is introduced.

Release conditions

Record exact product names, safety information and any additional assessments. Do not infer one tape variant covers every accessory.

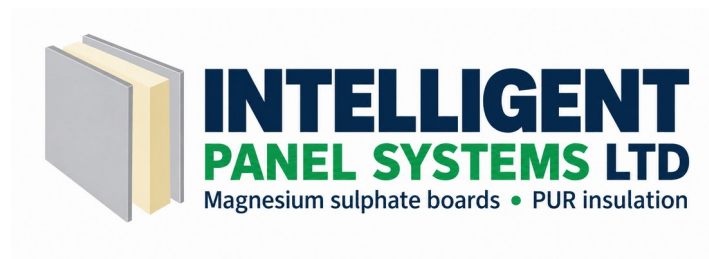
Local acceptance

Apply the common controls and emergency arrangements. Keep the matching SDS available; its first-aid, storage and spill instructions must be briefed before release. Record quantities, exposure, PPE selection, risk judgment, reviewer and signature on the task record. Stop on loss of controls or symptoms.

Status: ☐ Hold pending evidence ☐ Site controls accepted ☐ Not used

Task record reference: _____ Supervisor: _____

Reviewer / date: _____



Evidence register and briefing

Internal sources: HomePod and IPS Build Process Master Revision 8; Fixings North West Quote_Q299705(1).pdf; supplied Terrix SDS files listed on individual assessments; Sulfrack/Sulfycor draft COSHH dated 29 September 2026. Supplier SDS availability does not establish that the product is selected for every build.

Rawlplug manufacturer SDS: R-RPP-B1, v2.3, 29 July 2024. Product and SDS downloads:
<https://rawlplug.com/global/en/p/r-rpp-b1>

HSE guidance checked 11 October 2026:

<https://www.hse.gov.uk/coshh/basics/assessment.htm>

<https://www.hse.gov.uk/coshh/basics/datasheets.htm>

<https://www.hse.gov.uk/construction/healthrisks/hazardous-substances/construction-dust.htm>

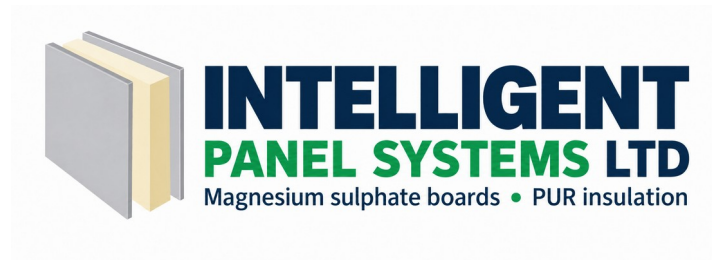
<https://www.hse.gov.uk/construction/healthrisks/hazardous-substances/isocyanates.htm>

<https://www.hse.gov.uk/woodworking/wooddust.htm>

Briefing acknowledgement

I understand the tasks authorised, exposure controls, product restrictions, emergency arrangements and when to stop. Signing does not remove unresolved hold points.

Name / employer	Assessment IDs	Signature / date



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