

Drywall Joint Compound and Dust-Controlled Sanding - JSA - B

en-US · Technical failure review · v1.0 · 2026-10-13 · Sources: article section 9

Site: | Item ID: | Work area:

Approval	Work supervisor	Technical reviewer	Release / handover authority

1. Job details and team signatures

Date / time		Location / area		Assessor		Supervisor	
Team signatures							

2. Conditions and hold points

Stage	Time	Location / area	Environment / readings	Item / condition	Controls	Plant / tools	Approval / signature
HP-0 Start							
HP-1 Prepare extraction							
HP-2 Coat and dry							
HP-3 Hold on defect							
HP-4 Handover for paint							

Complete after actual checks. Recheck after changes, defects or shift handover.

3. JSA risk assessment

Job stage	Hazards and effects	Failure factors	Technical and procedural controls	Site verification	P	S	R	A
1. Prepare extraction	1. Access fall 2. Electrical shock 3. Trip on hose	1. Unstable platform 2. Damaged supply lead 3. Hose crosses walkway	1. Use suitable access 2. Check electrical protection 3. Route hoses safely	1. Shroud hose filter and flow 2. Supply and tool condition 3. Clear work route				
2. Mix and tape	1. Eye or skin irritation 2. Weak tape bond 3. Batch waste	1. Protection unsuitable 2. Wrong mix or tape 3. Working time exceeded	1. Apply SDS protection 2. Embed compatible tape 3. Track batch working time	1. Batch time and identity 2. Tape coverage and bedding 3. Eye and skin protection				
3. Coat and dry	1. Excess sanding exposure 2. Cracked thick coat 3. Misidentified wet area	1. Ridges left on coat 2. Thickness unsuitable 3. Area status unmarked	1. Smooth before drying 2. Use specified coat build 3. Mark drying and held areas	1. Drying acceptance 2. Ridges cracks and separation 3. Area status recorded				
4. Sand with capture	1. Eye irritation 2. Board-paper damage 3. Repetitive strain	1. Hose or filter leaks 2. Abrasive too aggressive 3. Overreach or long exposure	1. Stop on escaped dust 2. Sand lightly with correct grit 3. Plan posture and exposure	1. Abrasive and surface condition 2. Work duration and protection 3. Stable reach and stance				
5. Clean and inspect	1. Poor paint adhesion 2. Hidden joint defects 3. Exposure during bag handling	1. Residual dust retained 2. Loose tape concealed 3. Collection bag opened	1. Check clean dry surface 2. Inspect cracks and bond 3. Contain collected waste	1. Dryness and surface finish 2. Repair locations 3. Closed waste handling				
6. Hold on defect	1. Damaged surface overcoated 2. Unexpected tool start 3. Repeated extraction failure	1. Repair hidden by sanding 2. Power left connected 3. Filter fault unresolved	1. Identify affected area 2. Inspect capture and substrate 3. Verify correction before use	1. Filter or fault cause 2. Repair and exposure response 3. Restart checks				

P/S/R/A: Complete only after actual site assessment using the site risk method.

4. Pre-work checklist

☐ Shroud hose filter and flow	☐ Batch time and identity	☐ Drying acceptance
☐ Abrasive and surface condition	☐ Dryness and surface finish	☐ Filter or fault cause
☐ Clear work route	☐ Stable reach and stance	☐ Restart checks