

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

en-US · Basic task controls · 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. Accept board and products	1. Unknown-dust exposure 2. Loose-board movement 3. Joint failure	1. Old coating mixed in 2. Board fixing unverified 3. Tape mismatch	1. Confirm new substrate 2. Review fixing acceptance 3. Match compound and tape	1. Board area and fixing record 2. Product and SDS identity 3. Joint and corner details				
2. Mix and tape	1. Powder inhalation 2. Eye or skin irritation 3. Weak tape bond	1. Powder dumped rapidly 2. Protection unsuitable 3. Wrong mix or tape	1. Use controlled mixing 2. Apply SDS protection 3. Embed compatible tape	1. Mix and product instruction 2. Batch time and identity 3. Tape coverage and bedding				
3. Coat and dry	1. Wet-layer damage 2. Excess sanding exposure 3. Cracked thick coat	1. Setting mistaken for drying 2. Ridges left on coat 3. Thickness unsuitable	1. Follow layer conditions 2. Smooth before drying 3. Use specified coat build	1. Coat timing and condition 2. Drying acceptance 3. Ridges cracks and separation				
4. Sand with capture	1. Dust inhalation 2. Eye irritation 3. Board-paper damage	1. Flow warning ignored 2. Hose or filter leaks 3. Abrasive too aggressive	1. Maintain source capture 2. Stop on escaped dust 3. Sand lightly with correct grit	1. Airflow and leakage 2. Abrasive and surface condition 3. Work duration and protection				
5. Clean and inspect	1. Dust resuspension 2. Poor paint adhesion 3. Hidden joint defects	1. Dry sweeping used 2. Residual dust retained 3. Loose tape concealed	1. Use controlled dust cleanup 2. Check clean dry surface 3. Inspect cracks and bond	1. Cleaning and residual dust 2. Dryness and surface finish 3. Repair locations				
6. Handover for paint	1. Wet surface decorated 2. Repair area lost 3. Trip on abandoned hose	1. Completion status unclear 2. Defect verbally passed 3. Equipment left in access	1. Mark accepted and held areas 2. Transfer repair records 3. Remove tools and hoses	1. Dry clean surface acceptance 2. Open repairs and limits 3. Clear area and waste record				

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

4. Pre-work checklist

☐ Board area and fixing record	☐ Mix and product instruction	☐ Coat timing and condition
☐ Airflow and leakage	☐ Cleaning and residual dust	☐ Dry clean surface acceptance
☐ Joint and corner details	☐ Work duration and protection	☐ Clear area and waste record