

PHYSICAL DEMANDS ANALYSIS (EXAMPLE)
DRYWALL TAPER/MUDDER



JOB DESCRIPTION

TASK #	TASK DESCRIPTION	% OF SHIFT
1	A worker would be required to fill any holes with drywall compound that they have mixed themselves, apply paper or fiberglass tape over the joints between pieces of installed drywall, sand all mud, re-mud, sand again and ensure that all surfaces are level for the next step in the process.	95%
2	Preparation and cleanup.	5%

*The physical demands may vary depending on company and location.
 Confirm this physical demands analysis is an accurate representation of the specific job.*

ITEMS HANDLED

- Stilts (17 lb.)
- Box of drywall mud (43 lb.)
- Roll of drywall tape (2 lb.)
- 5 gallon pail of mixed mud (40 lb.)
- Pan with mud (10 lb.)
- Broad Knife and small knife (2 lb.)
- Drywall mud pump
- Heater (22 lb.)
- Angle applicator
- Flusher
- Extended long sander

PERSONAL PROTECTIVE EQUIPMENT

- Hard hat
- Steel toed boots
- Gloves
- Foam safety eyewear
- Safety vest or high visibility stripes
- Long sleeves and pants

ENVIRONMENTAL EXPOSURE

Work is performed inside. A worker could be exposed to the following:

- Noise
- Tripping Hazards
- Heights
- Dust

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JOB TITLE	DRYWALLER TAPER/MUDDER					LENGTH OF SHIFT (HRS)	8
JOB DESCRIPTION							
A Taper and Mudder is required to apply paper or fiberglass tape over the joints between pieces of installed drywall, filling any open holes with drywall compound, prepare panels for painting by painting or finishing joints, sanding all mudding completed, re-mudding and sanding once again.							
PHYSICAL JOB DEMANDS - Grade using a scale of 0 - 4							
0 = NOT REQUIRED		1 = SELDOM REQUIRED: < 5%			2 = MINOR REQUIREMENT: 5-33%		
-		Less than 30 minutes per day or not daily			30 minutes up to 3.5 hours per day or 1 repetition every 30 minutes		
3 = OCCASIONAL REQUIREMENT: 34-66%				4 = FREQUENT REQUIREMENT: 67-100%			
3.5 hours up to 6.5 hours per day or 1 repetition every 2 minutes				6.5 hours per day up to shift length or 1 repetition every 30 seconds			
INSTRUCTIONS: Place an X under number 0,1,2,3 or 4 to identify the frequency of each body demand or exposure.							
PHYSICAL JOB DEMANDS	0	1	2	3	4	DESCRIBE THE TASK(S) PERFORMED	
WHOLE BODY DEMANDS							
SITTING	X					-	
SITTING WITH VIBRATION/JARRING	X					-	
DRIVING	X					-	
STANDING					X	Required when mudding, taping, and sanding in one area at a time. Balancing would be required if the worker chooses to work on stilts, however if working on scaffolding or ladders, this would be required up to a frequent basis.	
RUNNING	X					-	
WALKING							
LEVEL				X		This is job dependent; however, workers would be required to work on even surfaces when mudding, taping, and sanding. It is recommended that workers are in a clean site without tripping hazards.	
UNEVEN GROUND		X				Required when throwing out any garbage, gathering materials, and cleaning up the site. This could be job dependent.	
SLOPES / RAMPS	X					-	
CLIMBING							
REGULAR STAIRS	X					-	
STEEP STAIRS	X					-	
LADDERS			X			Required throughout the day when completing mudding, taping, and sanding or work that may be above head. Scaffolding or stilts may be used in replacement of ladder climbing.	
OTHER			X			Scaffolding climbing required throughout the day when completing mudding, taping, and sanding or work that may be above head. Ladders or stilts may be used in replacement of scaffolding.	

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PHYSICAL JOB DEMANDS	0	1	2	3	4	DESCRIBE THE TASK(S) PERFORMED
LOW LEVEL WORK						
KNEELING		X				Required when working in low level positions when mudding, taping, and sanding walls.
SQUATTING			X			Required when gathering materials and working in low level positions when mudding, taping, and sanding walls.
CRAWLING	X					-
SPECIFIC BODY DEMANDS						
NECK MOVEMENTS						
BENDING						
SUSTAINED	X					-
REPETITIVE				X		Required when taping, mudding, sanding, low level portions of walls, site clean up, site prep, mixing mud, or when working above shoulder levels to tape, mud, and sand ceilings or upper levels of walls.
TWISTING						
SUSTAINED	X					-
REPETITIVE				X		Required throughout the day as a safe work practice as well as while mudding, taping, and sanding.
TRUNK MOVEMENTS						
BENDING						
SUSTAINED	X					-
REPETITIVE			X			Required when mixing mud, moving boxes of mud, when working on stilts to gather materials, to clean, to sweep, etc.
TWISTING						
SUSTAINED	X					-
REPETITIVE				X		Required when taping, mudding, sanding and when overhead or in awkward spaces.
SHOULDER MOVEMENTS						
OVERHEAD				X		Required when mudding and taping upper levels of the wall, ceilings, or bulk heads.
FORWARD REACHING				X		Required when taping, mudding, sanding, site clean up, site prep, use of hand pump etc.
GRIPPING DEMANDS						
DOMINANT HAND						
REPETITIVE	X					-
CONTINUOUS					X	Required when mudding, taping, applying mud, prepping the site, cleaning the site etc.
NON-DOMINANT HAND						
REPETITIVE	X					-
CONTINUOUS				X		Required when mudding, taping, applying mud, prepping the site, cleaning the site etc.
FINGER DEXTERITY			X			Could be required when filling in smaller holes, completing paperwork, handling screws, working around small areas, etc.

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PHYSICAL JOB DEMANDS	0	1	2	3	4	DESCRIBE THE TASK(S) PERFORMED
MANUAL HANDLING DEMANDS						
LIFTING						
LIGHT (MAX 20 LB / 9 KG)		X				Pan full of mud (10 lb.), Drywall pump full of mud (20 lb.), Stilts (17 lb.), Hand tools, Drywall tape (2 lb.), Knife with mud (5 lb.), Angle applicator, Flusher, Drywall mud pump.
MEDIUM (MAX 50 LB / 22.5 KG)		X				Box of mud (43 lb.), 5-Gal pail full of mixed mud (40 lb.), Heater (22 lb.).
HEAVY (MAX 100 LB / 45 KG)	X					-
VERY HEAVY (OVER 100 LB / 45 KG)	X					-
CARRYING						
LIGHT (MAX 20 LB / 9 KG)		X				Hand tools, pan of mud, Broad knife, Drywall mud pump, Pail of mud, Stilts, Angle applicator, Flusher, Sander.
MEDIUM (MAX 50 LB / 22.5 KG)		X				Box of mud.
HEAVY (MAX 100 LB / 45 KG)	X					-
VERY HEAVY (OVER 100 LB / 45 KG)	X					-
MOBILE PUSHING						
LIGHT (MAX 20 LB / 9 KG)	X					-
MEDIUM (MAX 50 LB / 22.5 KG)	X					-
HEAVY (MAX 100 LB / 45 KG)	X					-
VERY HEAVY (OVER 100 LB / 45 KG)	X					-
MOBILE PULLING						
LIGHT (MAX 20 LB / 9 KG)	X					-
MEDIUM (MAX 50 LB / 22.5 KG)	X					-
HEAVY (MAX 100 LB / 45 KG)	X					-
VERY HEAVY (OVER 100 LB / 45 KG)	X					-
STATIC PUSHING/PULLING						
LIGHT (MAX 20 LB / 9 KG)			X			Required to push and pull when applying mud, sanding, sweeping, taping, using an angle applicator, using a flusher, using a pump, mixing mud, etc.
MEDIUM (MAX 50 LB / 22.5 KG)	X					-
HEAVY (MAX 100 LB / 45 KG)	X					-
VERY HEAVY (OVER 100 LB / 45 KG)	X					-