

SKILLBUILD

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PRACTICE AND PREPARATION INSTRUCTIONS

Plastering and Drywall Systems

Interpret drawings

Spend time studying your drawing before setting out your partition. Some required dimensions and information will also be on the competition briefing. ALL dimensions are to the plasterboard surface and allowance must be made when setting studs. If you have any questions about the provided documents as questions during the judges briefing. You will be penalised 1 mark per additional piece of material required so try to work without too much waste.

PPE

You will be required to wear glasses at all times during the competition. Gloves must be worn during the build stage and when cutting beads. Dust masks must be worn when rasping boards and mixing materials. Make sure the mask and glasses are compatible and that the glasses don't steam up. You cannot remove them if they are uncomfortable. Practice using full PPE.

Ensure you have all the necessary tools and that they are fit for purpose

Work through your processes in your head and along with your tutor check the materials list and ensure that you have everything you need and that it is in good working condition. Don't blame your tutor if anything is missing. Your toolkit is YOUR responsibility. Putting the kit together correctly will save you time during the competition and money during your career.

Set out partitions, allowing for openings and returns

Double check all dimensions and make sure you check all corners for square. Openings should be marked wide of the partition lines so that they can be seen after the boards have been fixed. If the partition is "centred" check the size of the base first, don't assume it is a certain size.

Measure and cut metal studwork and plasterboard to set dimensions

Double check channel and stud width before cutting. Work out how many full length studs you need and cut them all using the first one as a template. This saves measuring every stud. When cutting the floor channels cut the corresponding head channel at the same time also. This year you will NOT be able to fix your boards horizontally, all boards must be fixed upright in line with best practice for one layer boarding.

Fix boards to studwork in line with industry standards

Check joist centres and ensure they are in line with industrial standards. (Max 600mm centres). When required cut out for electrical boxes and switches. This year you will NOT be able to fix your boards horizontally, all boards must be fixed upright in line with best practice for one layer boarding.

Create openings in partitions

Practice setting out and constructing both door and window openings in such a way as to ensure your boarded reveals are dimensionally accurate.

Construct ceilings using stud and channel

There is no ceiling in this year's regional competition.

Tape and joint the completed partitions

It will not be possible to sand your completed tapes due to tight timings. Make sure all tapes are free from bubbles adequately covered and as smooth as possible. Screw heads must also be filled flush and smooth. Practice using paper tape, external angle tape and coating to beads.

Apply finishing coats where required

Finished panels are obviously not completed until the partitions are built so this doesn't always allow the required amount of time to be properly completed. Make sure the coat is as flat as possible with no fat marks or gauls and you will pick up marks.

Keep the work area clean and tidy

Marks for health, safety, waste and tidiness are awarded on an ongoing basis. Make sure you work in a tidy manner at all times and try to keep your waste down to a minimum.

Work in a safe manner

As above, try to keep all required PPE on as you work and this will ensure you are not penalised. Care should also be taken not to endanger those working close by. Metal channel is 3.6 meters long and may swing outside your work area when being handled.