Test Project

Plastering and Drywall Systems

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Introduction to Test Project

In accordance with the Technical Description, the Test Project is divided into five (5) modules. Each module is assessed independently. This means that an error made on one (1) module wil not affect the marks awarded in another module.

The Test Project is given to the Competitor on Familiarization Day (C-2) for three (3) hours then taken back by the Chief Expert or the Skill Competition Manager. The Expert and the Interpreter can work with the Competitor for the first (1st) hour only.

In this three (3) hour section, the Competitor will produce a list of all components and materials they require to complete the build and finish the Test Project. (C Chanel, C stud and plasterboards). This will be part of the Test Project assessment, so Experts and Interpreters are not allowed to support or advise on this task.

Any notes to be produced on paper provided by WorldSkills International (all numbered). All notes remain "on stand"; no information or drawings can leave the workshop.

Each evening the Toolboxes should be closed, and the work area should be perfectly clean. (This will happen during the Competition time).

Toolbox checks will also be carried out every morning.

The Competitor must pay particular attention to the organization of their workspace and work in compliance with the regulations of WorldSkills Health and Safety, and Environment policy and guidelines document.

The correct PPE should be worn throughout the Competition, and this must be provided by the Competitors.

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Description of project and tasks

Module 1 and Module 2

Days: C1 and C2

Time allowed: C1 5.30 hours + C2 4:30 hours for building and insulation

Instructions Module 1 and Module 2

This module consists of building segments with different plasterboard types on metal frames.

It includes openings, straight and curved work, ceilings, and Insulation installed to the ceiling and wall B the insulation will be marked at end of day 1 this wall must be left open on the outer wall

Module 1 and Module 2 will be assessed before starting Module 3, according to the drawings.

Unlike an actual building site where the plasterboards are raised from the floor to avoid capillary action, the plasterboards will be set on the floor for better stability of the Test Project and can be fixed with screws in the UW Chanel. Plasterboard and must be vertically installed on all walls

Technically we request:

- A maximum of 250 mm spacing between the screws on straight walls.
- A maximum of 170 mm spacing between the screws on the ceiling.
- Steel studs must be set upright and plumbed with a maximum of 600 mm to the next one.
- Steel studs must be fixed to the lower and the upper steel Chanel (crimping pliers) or screwed.
- The top of the channel structure is covered with plasterboards.
- The first plasterboard layer must be jointed where two layers of plasterboard are installed
- Vertical plasterboarding only.
- Tolerances are specified in the Technical Description.

The Competitor must pay particular attention to the organization of their workspace and cleanness during and after the task, correct PPE should be always worn whilst carrying out these tasks (guidance will be given)

Plasterboard type

Use the different types of plasterboards according to this design

Material List

This list will be part of the assessment. Please complete the list fully. (The added amount will be distributed to your workplace) please state what order you would like for the plasterboard stacking in your work area.

Quantity in Pieces

MATERIAL	QUANTITY
1. Standard Plasterboard	_____ pcs.
2. Habito Plasterboard	_____ pcs.
3. Moisture Plasterboard	_____ pcs.
4. Fireproof Plasterboard	_____ pcs.
5. 75 mm/3 m UW C Chanel	_____ pcs.
6. 73 mm/2.5 m CW C Chanel	_____ pcs.

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Module 3 – Tape and Joint

Day: C 3

Time allowed: 6 hours

Instructions Module 3

This module consists of tape and jointing, internal and external plastering work according to "Q" (Quality) Standards.

- The top of the construction should be finished without angle reinforcement and should be completed sharp in appearance.
- The inside angles from the walls to wall and wall to ceiling will be reinforced by paper tape.
- The Flat joints will be reinforced with paper tape.
- The external angles to be finished in Corner reinforcement Tape/bead
- The coating of the Q4 surfaces will be perfectly smooth.
- Tolerances are specified in the Technical Description

The Competitor must pay particular attention to the organization of their workspace; it's cleanliness during and after the task.

- Wall A **Q2** internally inside the project standard
- Wall A **Q3** external of the project
- Wall B **Q2** standard inside the project
- Wall B **Q2** external of the project
- Wall C **Q2** standard inside the project
- Wall C **Q3** External of the project
- Wall D **Q2** inside the project standards
- Wall D **Q4** external of the project
- Wall E **Q2** inside the project standards
- Wall E **Q4** external of the project
- Wall F ALL **Q2** standard
- Celining **Q4**

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Module 4 – External plastering – Textured coatings

Day: C4

Time allowed: 45 Minutes

- Apply textured coating according to the drawings.
- Tolerances are specified in the Technical Description.
- This task is completed on wall C

Day: C4

Fitting of Decorative moldings and speed test

Time allowed Part B: 2 hours

Instructions Module 4

This will be a speed module

This module consists of applying Mouldings according to the drawings

After positioning the Mouldings, fully fill the gap around the edges of the mouldings.

- The miters of mouldings will be filled with the correct materials (chosen/mixed by Competitors).
- Time and precision will be assessed.
- Tolerances are specified in the Technical Description
- Completed on wall C.

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Module 5 – Freestyle

Day: C 4

Time allowed: 2 hours completed on wall D

Instructions Module 5

This module consists of freestyle work on the elevation, The Competitors can use any technique specified in the Technical Description.

This module must be done in the given space and must not exceed the given dimensions

For this module, as the space for creating the freestyle is known to the Competitors in advance, the Competitor can bring patterns for cutting or setting up as well as templates in paper, plastic, wood, or silicone

- Competitors may not bring prefabricated moldings, or any other item intended to be attached directly to the project/wall.
- Creativity, the quality of the work, and the best use of the space allocated will be assessed.
- Drawings and the description of the project must be brought to the Competition on day C2 and must specify two (2) dimensions to be assessed.
- There can be no changes made to the documents brought on day C2.
- Tolerances are specified in the Technical Description.

Marking Scheme

See the Technical Description

Other

You can be, and we are proud that you are participating in the WorldSkills Shanghai 2026 Competition.

You are one of the best in the world, Good Luck! Work safely! Work fairly!

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