

21 Plastering and Drywall S

WorldSkills Standards Specifi

| Section | WSSS Marks |
|---------|--|
| 1 | Work organization and management |
| 2 | Planning and communication |
| 3 | Construction |
| 4 | Insulation |
| 5 | Finishing of plasterboards |
| 6 | Plastering |
| 7 | Creation and fitting of decorative mouldings |
| 8 | External plastering |
| 9 | Heritage |

Criteria

| ID | Name |
|----|----------------------------------|
| A | Work organisation and management |
| B | Planning and communication |
| C | Construction |
| D | Insulation |
| E | Finishing |
| F | Plastering |
| G | Fitting mouldings |
| H | External Plastering |
| I | Heritage |

| Sub Criterion ID | Sub Criterion Name or Description | Day of Marking | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
|------------------|-----------------------------------|----------------|-------------------------------------|--|------------|
| A1 | Plumb | 2 | M | Elevation A | |
| | | | M | Elevation B | |
| | | | M | Elevation C | |
| | | | M | Elevation D | |
| | | | M | Elevation E Ceiling | |
| A2 | Square | 2 | M | External angle between elevation A and D | |
| | | | M | External angle between elevation B and C | |
| | | | M | External angle between elevation C and D | |
| | | | M | Elevation C | |

| A3 | Level | 2 | M M M M M | Elevation E Elevation B Inside elevation A Elevation E Underside of ceiling Elevation E | |
|------------------|-----------------------------------|----------------|---------------------------------------|---|------------|
| Sub Criterion ID | Sub Criterion Name or Description | Day of Marking | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
| B1 | Material list for Build | 2 | M M M M M | Number of Standard Floor and ceiling channel Length 3m (UW 7 Number of Standard C Stud Length 3m (CW75) Number of Standard Plasterboard Ivory in colour : 2500mm x 12 Number of Habito plasterboards: grey in colour with Habito logoo Number of Firestop plasterboards: with in colour: 25000mm x 12 Number of Moisture resistant plasterboards:green in colour: 2400 | |
| Sub Criterion ID | Sub Criterion Name or Description | Day of Marking | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
| C1 | Measurement | 2 | M M M M M | Elevation D Elevation D Elevation A Elevation A Elevation A | |

| | | | | | |
|----|-------------------|---|---|---------------------------------|--|
| C2 | Measurement | 2 | M | Elevation A | |
| | | | M | Elevation A | |
| | | | M | Elevation C | |
| | | | M | Elevation C | |
| | | | M | Elevation C | |
| | | | M | Elevation C | |
| | | | M | Elevation C | |
| | | | M | Elevation C | |
| | | | M | Elevation B | |
| | | | M | Elevation E Ceiling | |
| C3 | General Aspect | 2 | M | Elevation E Ceiling | |
| | | | M | Elevation E Ceiling | |
| | | | M | Elevation E Ceiling | |
| | | | M | Elevation E Ceiling | |
| | | | J | General aspect Wall A | |
| | | | J | General aspect Wall B | |
| | | | J | General aspect Wall C | |
| | | | J | General aspect Wall D | |
| | | | J | General aspect Wall A | |
| | | | J | General aspect Wall B | |
| C4 | Quality of screws | 2 | M | flush and 250mm max Elevation A | |
| | | | M | flush and 250mm max Elevation A | |

0
1
2
3
0
1
2
3
0
1
2
3
0
1
2
3

| C5 | Floor left clean with all tools added in toolboxes | 4 | M M M M M | flush and 250mm max Elevation B flush and 250mm max Elevation C flush and 250cmm max Elevation D flush and 170mm max Elevation ceiling Elevations A,B,C,D,Ceiling | |
|------------------|--|----------------|-------------------------------------|---|------------------|
| Sub Criterion ID | Sub Criterion Name or Description | Day of Marking | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
| D1 | insulation | 1 | J | Elevation C Space first half wall start from right side | 0 1 2 3 |
| | | | J | Elevation C rest from the wall | 0 1 2 3 |
| | | | J | Ceiling full insulataed | 0 1 2 3 |
| | | | J | Ceiling space 2 Bulkhead design insulation | 0 1 2 3 |

| Sub Criterion ID | Sub Criterion Name or Description | Day of Marking | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
|------------------|--|----------------|---|---|--|
| E1 | Tape and Joint relating to Demo project, paper t | 3 | M M M M M M M M M | Elevation A .tape and joint external Elevation A .tape and joint internal inkl inside corners Elevation B .tape and joint top left board Elevation B .tape and joint internal inkl inside corners Elevation C .tape and joint Door area and reveals Elevation C .tape and joint internal inkl inside corners Elevation D .tape and joint face of elevation Elevation D .tape and joint internal inkl inside corners Ceiling tape and joint inkl inside inside corners | |
| Sub Criterion ID | Sub Criterion Name or Description | Day of Marking | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
| F1 | Plastering finishing on Q Standarts | 3 | J J J J | Internal of elevation A Q2 Internal of elevation B Q2 Internal of elevation C Q2 Internal of elevation D Q2 | 0 1 2 3 0 1 2 3 0 1 2 3 |

| | | | | | |
|----|--|---|---|--|------------------|
| F2 | Plastering finishing on Q Standarts | 3 | J | External of elevation A Q4/ Q2 | 0 1 2 3 |
| | | | J | External of elevation B Q3 | 0 1 2 3 |
| | | | J | external of elevation C Q3 | 0 1 2 3 |
| | | | J | external of elevation D Q4 | 0 1 2 3 |
| | | | J | Ceiling Q3 including twice buckhead | 0 1 2 3 |
| F3 | Elevation A | 3 | M | The angles from the Arch are sharp! | |
| F4 | Elevation A | 3 | M | The angles from the Arch are symmetric | |
| F5 | Floor left clean with all tools added in toolboxes | 3 | M | Elevations A,B,C,D,Ceiling | |

| Sub Criterion ID | Sub Criterion Name or Description | Day of Marking | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
|------------------|-----------------------------------|----------------|-------------------------------------|--|------------------|
| G1 | Skirting mouldings | 4 | M | Module 3 | |
| G2 | Panel mouldings | 4 | M | Module 3 (Mouldings around the window) Elevation B | |
| G3 | Mitres | 4 | M | Module 3 (Mouldings around the window) Elevation C | |
| | | | J | skirting mouldings | 0 1 2 3 |
| G4 | Mitres | 4 | J | Panel mouldings | 0 1 2 3 |
| G5 | Speed module | 4 | M | speed | |
| G6 | Textured mixture | 4 | M | Textured mixture (skirting) | |
| | | | M | Textured mixture (panel) | |
| G7 | Textured mixture | 4 | J | Textured mixture | 0 1 2 3 |

| Sub Criterion ID | Sub Criterion Name or Description | Day of Marking | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
|------------------|-----------------------------------|----------------|-------------------------------------|---|------------------|
| H1 | External coating | 3 | J | general aspect wall A including clan angelbeats and floor | 0 1 2 3 |
| | | | J | general aspect wall B including clan angelbeats and floor | 0 1 2 3 |
| | | | J | general aspect wall C including clan angelbeats and floor | 0 1 2 3 |
| H2 | External coating | 3 | M | internal Walls | |
| Sub Criterion ID | Sub Criterion Name or Description | Day of Marking | Aspect Type M = Meas J = Judg | Aspect - Description | Judg Score |
| I1 | Freestyle module | 4 | M | Elevation A | |
| | | | M | Elevation A | |
| | | | M | Elevation A | |
| | | | M | Elevation A | |
| | | | M | Elevation A | |
| | | | J | Elevation A - Is the module pleasing to the eye | 0 1 |

| | | | | | |
|--|--|--|---|--|----------------------------|
| | | | J | Elevation A - Does the module represent the craft of plastering in | 2 3 0 1 2 3 |
|--|--|--|---|--|----------------------------|

Systems

ification

| | WSSS Marks | Aspect Marks | Variation |
|--|-----------------|--------------|-----------|
| | 15.00 | 15.00 | 0.00 |
| | 15.00 | 15.00 | 0.00 |
| | 12.00 | 12.00 | 0.00 |
| | 6.00 | 6.00 | 0.00 |
| | 12.00 | 12.00 | 0.00 |
| | 15.00 | 15.00 | 0.00 |
| | 8.00 | 8.00 | 0.00 |
| | 10.00 | 10.00 | 0.00 |
| | 7.00 | 7.00 | 0.00 |
| | Total Variation | | 0.00 |

##

| | Mark |
|--|-------|
| | 15.00 |
| | 10.00 |
| | 20.00 |
| | 6.00 |
| | 10.00 |
| | 18.00 |
| | 8.00 |
| | 6.00 |
| | 7.00 |

| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement (Measurement Only) | WSSS Section | Calculation Row (Export only) | Max Mark |
|--|--------------------------------------|-----------------|-------------------------------------|-------------|
| Measured in the middle of wall, full height, 10cm up from floor | 1800+/- 3mm | 1 | | 1.00 |
| From the floor to the underside of the boxing, in the middle | 1199+/- 2mm | 1 | | 1.00 |
| Left side of the door, measured at the inside, 10cm up from floor | 1800+/- 3mm | 1 | | 1.00 |
| Measured at midpoint between the edge of the module and the edge of the door | 1800+/- 3mm | 1 | | 1.50 |
| Measured in the middle of the vertical nib | 600 +/- 2mm | 1 | | 1.25 |
| Measured 100mm from the floor | 600 +/- 2mm | 1 | | 1.00 |
| Measured 100mm from the floor | 600 +/- 2mm | 1 | | 1.00 |
| Measured 100mm from the floor | 600 +/- 2mm | 1 | | 1.00 |
| Internal angle at left side of door taken in middle between | 600 +/- 2mm | 1 | | 1.00 |

Criterion A Total Mark 15.00

| | | | | |
|--|--------------|---|--|------|
| Internal angle between ceiling and wall taken at the left side | 600 +/- 2mm | 1 | | 1.00 |
| Internal angle taken in the middle elevation B & A | 600 +/- 2mm | 1 | | 1.00 |
| Internal angle taken in the middle elevation A & D | 600 +/- 2mm | 1 | | 1.00 |
| Taken on the top of the 112.5 nib | 600 +/- 2mm | 1 | | 1.25 |
| Taken full length in the middle of the ceiling | 1800 +/- 3mm | 1 | | 1.00 |

| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement (Measurement Only) | WSSS Section | Calculation Row (Export only) | Max Mark |
|--|--------------------------------|--------------|-------------------------------|----------|
|--|--------------------------------|--------------|-------------------------------|----------|

Criterion B

Total Mark

10.00

| | | | | |
|---|----|---|---|------|
| Count numbers of channels over 3m. Enter number Lose .0.667 of a mark for every extra stud over/less | 11 | 2 | 1 | 2.00 |
| Count numbers of studs over 3m. Enter number Lose 0.667 of a mark for every extra stud over/less | 31 | 2 | 2 | 2.00 |
| Count numbers of Standard plasterboards. Enter number Lose 1 of a mark for every plasterboard extra/less | 9 | 2 | 3 | 2.00 |
| Count numbers of Habito plasterboards. Enter number Lose 1 of a mark for every plasterboard extra/less | 7 | 2 | 4 | 2.00 |
| Count numbers of Firestop plasterboards. Enter number Lose 1 of a mark for every plasterboard extra/less | 2 | 2 | 5 | 1.00 |
| Count numbers of Moisture resistant plasterboards. Enter number Lose 1 of a mark for every plasterboard extra/less | 2 | 2 | 6 | 1.00 |

| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement (Measurement Only) | WSSS Section | Calculation Row (Export only) | Max Mark |
|--|--------------------------------|--------------|-------------------------------|----------|
|--|--------------------------------|--------------|-------------------------------|----------|

Criterion C

Total Mark

20.00

| | | | | |
|--|----------------|---|--|------|
| Length measured from left to right angle of wall 10cm from | 2170mm +/-3mm | 3 | | 1.00 |
| Height of elevation measured on the right side | 2100mm +/- 3mm | 3 | | 1.00 |
| Distance from right side of arch opening to edge of module | 700mm +/- 2mm | 3 | | 0.50 |
| Width of arch opening measured 100mm from floor | 900mm +/- 2mm | 3 | | 0.50 |
| Distance from left side of arch opening to edge of module | 700mm +/- 2mm | 3 | | 0.50 |

| | | | |
|--|----------------|---|------|
| Height of Arch @center point | 1900mm +/- 3mm | 3 | 0.50 |
| Width of arch wall @ center point | 1120mm +/- 2mm | 3 | 0.50 |
| Height of door @ center point | 1785mm +/- 3mm | 3 | 0.75 |
| Width of window door measured mid point | 800mm +/- 2mm | 3 | 0.25 |
| Width of window opening measured from external towards | 200mm +/- 1mm | 3 | 0.50 |
| Height of window opening measured from floor to bottom | 1400mm +/- 3mm | 3 | 1.00 |
| Height of window measured internally on corner | 400mm +/- 2mm | 3 | 0.25 |
| Board cut away from right external corner towards door | 1000mm +/- 2mm | 3 | 0.25 |
| Board cut away, measured at centerpoint between layers | 100mm +/- 1mm | 3 | 0.50 |
| Board cut away, measured from floor till second plasterbo | 350mm +/-2mm | 3 | 0.50 |
| Width of window measured from external corner towards l | 1000mm +/- 2mm | 3 | 0.50 |
| Width of ceiling measured at center point | 1170mm +/- 2mm | 3 | 0.50 |
| Height of upturn on bulkhead mesured in midel | 100mm +/- 1mm | 3 | 1.00 |
| Measured from external corner to upturn in bulkhead | 250mm +/- 1mm | 3 | 1.00 |
| Distance from floor to underside of ceiling measured on fr | 1900mm +/- 3mm | 3 | 0.50 |
| | | 5 | 1.50 |
| Does not meet industry standard-see document 3 | | | |
| Meets industry standard- document 3 | | | |
| Meets and exceeds industry standard in some respects -do | | | |
| Excellent in relation to industry standard- doucment 3 | | 5 | 1.00 |
| Does not meet industry standard-see document 3 | | | |
| Meets industry standard- document 3 | | | |
| Meets and exceeds industry standard in some respects -do | | | |
| Excellent in relation to industry standard- doucment 3 | | 5 | 1.50 |
| Does not meet industry standard-see document 3 | | | |
| Meets industry standard- document 3 | | | |
| Meets and exceeds industry standard in some respects -do | | | |
| Excellent in relation to industry standard- doucment 3 | | 5 | 1.00 |
| Does not meet industry standard-see document 3 | | | |
| Meets industry standard- document 3 | | | |
| Meets and exceeds industry standard in some respects -do | | | |
| Excellent in relation to industry standard- doucment 3 | | | |
| Y/N | | 2 | 0.50 |

| | Y/N | 2 | | 0.50 |
|---|--------------------------------------|-----------------|-------------------------------------|-------------|
| | Y/N | 2 | | 0.50 |
| | Y/N | 2 | | 0.50 |
| | Y/N | 2 | | 0.50 |
| Floor left clean with all tools added in toolboxes | Y/N | 2 | | 0.50 |
| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement (Measurement Only) | WSSS Section | Calculation Row (Export only) | Max Mark |
| | | 4 | | 2.00 |
| Does not meet industry standard-see document 3 Meets industry standard- document 3 Meets and exceeds industry standard in some respects -do Excellent in relation to industry standard- doucment 3 | | 4 | | 2.00 |
| Does not meet industry standard-see document 3 Meets industry standard- document 3 Meets and exceeds industry standard in some respects -do Excellent in relation to industry standard- doucment 3 | | 4 | | 1.00 |
| Does not meet industry standard-see document 3 Meets industry standard- document 3 Meets and exceeds industry standard in some respects -do Excellent in relation to industry standard- doucment 3 | | 4 | | 1.00 |

Criterion D Total Mark 6.00

| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement (Measurement Only) | WSSS Section | Calculation Row (Export only) | Max Mark |
|---|--------------------------------------|-----------------|-------------------------------------|-------------|
| | Y/N | 5 | | 1.50 |
| | Y/N | 5 | | 1.00 |
| | Y/N | 5 | | 1.00 |
| | Y/N | 5 | | 1.00 |
| | Y/N | 5 | | 1.50 |
| | Y/N | 5 | | 1.00 |
| | Y/N | 6 | | 1.00 |
| | Y/N | 6 | | 1.00 |
| | Y/N | 6 | | 1.00 |
| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement (Measurement Only) | WSSS Section | Calculation Row (Export only) | Max Mark |
| Does not meet industry standard-see document 1 Meets industry standard- document 1 Meets and exceeds industry standard in some respects -do Excellent in relation to industry standard- doucment 1 | | 6 | | 1.00 |
| Does not meet industry standard-see document 1 Meets industry standard- document 1 Meets and exceeds industry standard in some respects -do Excellent in relation to industry standard- doucment 1 | | 6 | | 1.00 |
| Does not meet industry standard-see document 1 Meets industry standard- document 1 Meets and exceeds industry standard in some respects -do Excellent in relation to industry standard- doucment 1 | | 6 | | 1.00 |
| Does not meet industry standard-see document 1 Meets industry standard- document 1 Meets and exceeds industry standard in some respects -do Excellent in relation to industry standard- doucment 1 | | 6 | | 1.00 |

Criterion E Total Mark 10.00

Criterion F Total Mark 18.00

| | | | |
|---|-----|---|------|
| Does not meet industry standard-see document 1 Meets industry standard- document 1 Meets and exceeds industry standard in some respects -do Excellent in relation to industry standard- doucment 1 | | 6 | 2.00 |
| Does not meet industry standard-see document 1 Meets industry standard- document 1 Meets and exceeds industry standard in some respects -do Excellent in relation to industry standard- doucment 1 | | 6 | 1.00 |
| Does not meet industry standard-see document 1 Meets industry standard- document 1 Meets and exceeds industry standard in some respects -do Excellent in relation to industry standard- doucment 1 | | 6 | 2.00 |
| Does not meet industry standard-see document 1 Meets industry standard- document 1 Meets and exceeds industry standard in some respects -do Excellent in relation to industry standard- doucment 1 | | 6 | 2.00 |
| Does not meet industry standard-see document 1 Meets industry standard- document 1 Meets and exceeds industry standard in some respects -do Excellent in relation to industry standard- doucment 1 | | 6 | 1.00 |
| Does not meet industry standard-see document 1 Meets industry standard- document 1 Meets and exceeds industry standard in some respects -do Excellent in relation to industry standard- doucment 1 | | 8 | 2.00 |
| sharp with out defect more than 90% | Y/N | 8 | 2.00 |
| the archs looks symetric and areregular rond formed | Y/N | 8 | 2.00 |
| Floor left clean with all tools added in toolboxes | Y/N | 2 | 2.00 |

| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement (Measurement Only) | WSSS Section | Calculation Row (Export only) | Max Mark |
|--|--------------------------------------|-----------------|-------------------------------------|-------------|
| Fitted 50mm from both external corners of elevation B with | 50mm +/- 1mm | 7 | | 0.50 |
| Distance between the edge of the window and the inside of | 10mm +/-1mm | 7 | | 0.50 |
| Distance between the edge of the window and the inside of | 10mm +/-1mm | 7 | | 0.50 |
| Does not meet industry standard- see document 4 Meets industry standard- see document 4 Meets and exceeds industry standard in some respects- see document 4 Excellent in relation to industry standard- see document 4 | | 7 | | 1.00 |
| Does not meet industry standard- see document 4 Meets industry standard- see document 4 Meets and exceeds industry standard in some respects- see document 4 Excellent in relation to industry standard- see document 4 | | 7 | | 1.00 |
| Each competitor starts at the same time. The first competitor | | 7 | | 2.00 |
| measurement from skirting molding till textured mixture | 80mm +/-1mm | 7 | | 1.00 |
| measurement from Panel molding till textured mixture | 1500mm +/-1mm | 7 | | 0.50 |
| Does not meet industry standard- see document 4 Meets industry standard- see document 4 Meets and exceeds industry standard in some respects- see document 4 Excellent in relation to industry standard- see document 4 | | 7 | | 1.00 |

Criterion G Total Mark 8.00

| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement (Measurement Only) | WSSS Section | Calculation Row (Export only) | Max Mark |
|--|--------------------------------------|-----------------|-------------------------------------|-------------|
| Does not meet industry standard- see document 2 Meets industry standard- see document 2 Meets and exceeds industry standard in some respects- see document 2 Excellent in relation to industry standard- see document 2 | | 8 | | 2.00 |
| Does not meet industry standard- see document 2 Meets industry standard- see document 2 Meets and exceeds industry standard in some respects- see document 2 Excellent in relation to industry standard- see document 2 | | 8 | | 1.00 |
| Does not meet industry standard- see document 2 Meets industry standard- see document 2 Meets and exceeds industry standard in some respects- see document 2 Excellent in relation to industry standard- see document 2 | | 8 | | 2.00 |
| Does not meet industry standard- see document 2 Meets industry standard- see document 2 Meets and exceeds industry standard in some respects- see document 2 Excellent in relation to industry standard- see document 2 | | 8 | | 1.00 |
| Does the finish meet Q2 finishing standard (See document 2) | Y/N | 8 | | 1.00 |
| Extra Aspect Description (Meas or Judg) OR Judgement Score Description (Judg only) | Requirement (Measurement Only) | WSSS Section | Calculation Row (Export only) | Max Mark |
| Measurement 1 | | 9 | | 0.50 |
| Measurement 2 | | 9 | | 0.50 |
| Is The creation exactly same as on the C documents | Y/N | 9 | | 1.00 |
| has the module minimum 3 techniques | Y/N | 9 | | 1.00 |
| Was the model completed within the time allowed | Y/N | 9 | | 0.50 |
| | | 9 | | 1.50 |
| Does not meet industry standard- see document 2 Meets industry standard- see document 2 | | | | |

Criterion H Total Mark 6.00

Criterion I Total Mark 7.00

| | | | | |
|--|--|---|--|------|
| Meets and exceeds industry standard in some respects- see document 2 | | | | |
| Excellent in relation to industry standard- see document 2 | | 9 | | 2.00 |
| Does not meet industry standard- see document 2 | | | | |
| Meets industry standard- see document 2 | | | | |
| Meets and exceeds industry standard in some respects- see document 2 | | | | |
| Excellent in relation to industry standard- see document 2 | | | | |

Competition Total Mark 100.00