

**Overview**

This standard covers the skills and knowledge required to install solid surfaces on location to specification. This includes scribing, fixing and securing of solid surfaces using appropriate methods relating to substrate. This also includes adaptations to specifications for example pipe boxes, sockets, gas meters, etc.

## Performance criteria

*You must be able to:*

1. comply with health and safety requirements and procedures at all times
2. obtain specifications and requirements following standard operating procedures
3. obtain equipment and materials required following standard operating procedures
4. check equipment is set up correctly and in good working order following standard operating procedures and any manufacturer's instructions
5. check materials required meet specifications and are free from faults
6. maintain effective communication with supporting personnel and customers throughout installations
7. assess any unforeseen features of locations and identify how these affect placements following standard operating procedures
8. mark out locations following standard operating procedures
9. select components to meet specification and confirm quality meets company standards
10. adjust components to provide best possible fit to locations following standard operating procedures
11. minimise risk of damage to components/work pieces and surrounding areas following standard operating procedures
12. cut, shape, mitre, butt and scribe components to meet specifications
13. fit components in sequence following standard operating procedures
14. adjust components to ensure joins and alignments between components and surrounds are to required tolerances
15. level and secure components in location following standard operating procedures
16. check all edges meet specifications
17. seal components following standard operating procedures
18. carry out deflection testing on overhangs following standard operating procedures
19. incorporate steel substrate in overhangs as appropriate to meet customer requirements
20. clean installations following standard operating procedures

## Knowledge and understanding

*You need to know and understand:*

1. relevant health and safety responsibilities
2. meaning of terms used in specifications
3. how to check equipment is set up and is in good working order
4. how to check materials and common faults that can occur
5. how to maintain effective communication with supporting personnel and customers
6. features of locations and how these affect placements
7. how to mark out locations
8. how to select components and confirm quality meets company standards
9. how to adjust components to provide best possible fit
10. how to minimise risk of damage to components/work pieces and surrounding areas
11. how to cut, shape, mitre, butt and scribe components
12. how to fit components and sequences to follow
13. how to adjust components to ensure joins and alignments between components and surrounds are to required tolerances
14. how to level and secure components in location
15. how to ensure all edges are completed
16. how to seal components
17. how to clean the installation and why this is important
18. maximum unsupported limits for overhangs
19. deflection testing method
20. alternative methods to coved upstands

## Install solid surface

---

<b>Developed by</b>	NSAFD
<b>Version Number</b>	2
<b>Date Approved</b>	January 2019
<b>Indicative Review Date</b>	January 2023
<b>Validity</b>	Current
<b>Status</b>	Original
<b>Originating Organisation</b>	Proskills
<b>Original URN</b>	PROSS23
<b>Relevant Occupations</b>	Furniture Makers and Other Craft Woodworkers
<b>Suite</b>	Solid Surface Fabrication, Installation and Templating
<b>Keywords</b>	Solid; surfaces; install

---