

Title:	Prepare Surfaces for Decoration
Level:	1
Credit Value:	3
Learning outcomes <i>The learner will:</i>	Assessment criteria <i>The learner can:</i>
1 Be able to prepare a range of bare and previously painted and decorated surfaces to receive coatings/covering systems.	1.1 Protect the work area correctly prior to starting the work.
	1.2 Select the correct tools, equipment and materials needed for the specified preparation process. <i>Tools and equipment from the following:</i> – scraper, putty knife, chisel knife, knotting brush, nail punch, hot air gun, hammer, dusting brush, roller trays, natural/synthetic brushes, dust masks, paint pots/kettles, wire brushes, goggles, filling knife, filling board, gloves, woven fabric, buckets, sponges, short pile and foam rollers, rubbing blocks (rubber, cork, wood). <i>Materials from the following:</i> – stoppers, solvents, single-pack filler, shellac/patent/white knotting, mordant solutions, stabilising solution. <i>Preparation processes including:</i> – wet and dry abrading, degreasing, knotting, priming, stopping, filling, rust removal, raking out, wetting in, removal of paint systems, removal of wall coverings.
	1.3 Prepare bare and previously painted substrates and correct defects to the given specification. <i>Substrates including:</i> – timbers (softwoods, sheet materials), metal (ferrous, non-ferrous), plaster/plasterboard, brick and blockwork. <i>Defects including:</i> – knots, splits, open joints, resin exudation, end grain, corrosion, settlement cracks, shrinkage cracks, nail holes, projecting nail heads.
	1.4 Remove old paint systems with a hot air gun correctly.
	1.5 Remove existing wall coverings by hand correctly.
	1.6 Work to current environmental and relevant health and safety regulations when preparing surfaces. <i>In relation to:</i> – dust, lead, asbestos, dermatitis, cuts and abrasions, electrical safety.
2 Be able to correct defects in surfaces and surface coatings.	2.1 Identify and rectify different defects to surfaces and surface coatings. <i>Defects including:</i> – efflorescence, cissing, flaking, bittiness, runs, sags/curtains, mould.
	2.2 Protect the work area correctly prior to starting the work.

2 continued	<p>2.3 Select the correct materials, tools and equipment needed for the specified rectification processes.</p> <p><i>Materials from the following:</i></p> <ul style="list-style-type: none"> - sterilising fluids/fungicidal washes, solvents (white spirit, methylated spirits), stain blocks (proprietary and non-proprietary), primers/sealers (alkali-resisting, aluminium wood, acrylic, stabilising solutions), shellac/patent knotting, barrier cream. <p><i>Tools and equipment from the following:</i></p> <ul style="list-style-type: none"> - scraper, wire brush, stiff/scrubbing brush, buckets, sponges, goggles, protective gloves, moisture meter, orbital sander, palm sander, dusting brush, lint-free cloths, rubbing blocks (rubber, cork wood), knotting brush, wall brush. <p><i>Rectification processes including:</i></p> <ul style="list-style-type: none"> - scraping, wet and dry abrading, brushing, washing down, degreasing, solvent wiping, hand tools, powered tools.
	<p>2.4 Work to current environmental and relevant health and safety regulations when correcting defects in surface and surface coatings.</p>
3 Be able to repair and make good surfaces.	<p>3.1 Protect the work area correctly prior to starting the work.</p> <p>3.2 Select the correct tools, equipment and materials needed for the specified making good processes.</p> <p><i>Tools and equipment from the following:</i></p> <ul style="list-style-type: none"> - scraper, chisel knife, filling knife/blade, filling board, dusting brush, craft knife, sponge, bucket, pointing trowel, nail punch, hammer, wetting-in brush, hawk, rubbing blocks, pole sander, goggles, dust masks. <p><i>Materials from the following:</i></p> <ul style="list-style-type: none"> - for interior and exterior, water-based fillers, putty, solvent-based stoppers and fillers, ready-mixed lightweight filler, acrylic coloured timber fillers, single pack fillers, plaster, expanding foam, PVA primer/sealer, cement mortar, abrasives, decorator's caulk. <p><i>Making good processes including:</i></p> <ul style="list-style-type: none"> - sinking nail heads, scraping, raking out, undercutting, wetting in, back filling, proud filling, flush filling, knife filling, stopping, spot prime and seal, wet and dry abrading, applying caulk and sealants. <p>3.3 Prepare defective areas ready for making good processes to the given specification.</p> <p><i>Making good processes including:</i></p> <ul style="list-style-type: none"> - sinking nail heads, scraping, raking out, undercutting, wetting in, back filling, proud filling, flush filling, knife filling, stopping, spot prime and seal, wet and dry abrading, applying caulk and sealants. <p><i>Defective areas including:</i></p> <ul style="list-style-type: none"> - open joints in joinery, splits, indentations, open grained timber, putties, holes, cracks, gaps, pointing, stale paste, rust, corrosion.

3 continued	<p>3.4 Prepare appropriate materials for the required making good process.</p> <p><i>Materials from the following:</i></p> <ul style="list-style-type: none"> - for interior and exterior, water-based fillers, putty, solvent-based stoppers and fillers, ready-mixed lightweight filler, acrylic coloured timber fillers, single pack fillers, plaster, expanding foam, PVA primer/sealer, cement mortar, abrasives, decorator's caulk.
	<p>3.5 Apply and finish materials to make good surfaces to the given specification.</p> <p><i>Materials from the following:</i></p> <ul style="list-style-type: none"> - for interior and exterior, water-based fillers, putty, solvent-based stoppers and fillers, ready-mixed lightweight filler, acrylic coloured timber fillers, single pack fillers, plaster, expanding foam, PVA primer/sealer, cement mortar, abrasives, decorator's caulk.
	<p>3.6 Apply appropriate primers to a range of substrates to the given specification.</p> <p><i>Substrates including:</i></p> <ul style="list-style-type: none"> - timbers, metal, plaster/plasterboard, brick and blockwork.
	<p>3.7 Work to current environmental and relevant health and safety regulations when making good surfaces.</p>

Additional information about the unit	
Purpose and aim of unit	The aim of this unit is to provide the learner with the skills to be deemed trained to prepare surfaces for decoration in relation to: <ul style="list-style-type: none"> - recognising and preparing timbers and their sheet products - recognise and prepare ferrous and non-ferrous metals - recognise and prepare a range of trowelled finishes and plasterboard using appropriate tools and materials.
Unit expiry date	30.06.15
Details of the relationship between the unit and relevant national occupational standards or other professional standards or curricula (if appropriate)	This unit is based on the National Occupational Standard: VR 330 Prepare New Surfaces for Paint Systems.
Assessment requirements or guidance specified by a sector or regulatory body (if appropriate)	This unit will be achieved in accordance with the additional guidance requirements as set out by the Awarding Organisation.
Support for the unit from a sector skills council or other appropriate body (if required)	Endorsed by ConstructionSkills
Location of the unit within the subject/sector classification system	05.2 Building and Construction
Name of the organisation submitting the unit	Cskills Awards
Availability for use	Shared unit
Unit available from	01.08.08
Unit review date	30.06.15
Credit value	3
Unit guided learning hours	30