

SkillBuild2012

12th - 14th September 2012



Young crafts people from around the UK will be demonstrating their capabilities at the national final of SkillBuild 2012. This year the event will be held at the Fulwood Campus, St. Vincent's Road, Preston College on 12 - 14th September.

SkillBuild is a highly important national multi-trade competition that takes place annually aiming to promote excellence amongst the UK's young crafts persons. The National Federation of Roofing Contractors Ltd (NFRC) manages the Roof Slating and Tiling (RST), the Roof Sheeting and Cladding (RSC) and the Reinforced Bituminous Membranes (RBM) competition for SkillBuild.

NFRC is fortunate to be able to enjoy the generous support of its Trade Members and the Associate Members who donate materials, resources and prizes, for the competition and who are key to the success of the event.

Ray Horwood, NFRC Chief Executive says: *"Training and the development of skills is at the heart of the NFRC ethos. The demonstrating of roofing ability at SkillBuild, in a competitive arena, is an excellent way of proving overall roofing competence."*

This year, competitors have taken part in heats up and down the country and have been whittled down by the judges; with the top scorers from each of the heats and disciplines going on to compete in the National Final.

The winners of each competition will receive their prizes at the Gala Presentation Dinner, at Preston Guild Hall, which will be held on the Friday evening after the competition closes. The winners of the roofing category, if Members of NFRC, will also be invited to The Roofing Awards hosted by NFRC to be held in London in May 2013 where they will be recognised for their outstanding skills.

The National Federation of Roofing Contractors (NFRC), is the UK's largest roofing trade association representing over 70% of the roofing industry by value.



NFRC has a long and colourful history which dates back to 1892. During the 1950s, it merged with and took on the responsibilities of the London Association of Slate Merchants and Master Slaters and The National Pitched Roofing Council. Thus paving the way to become the association that we know today. Since then, NFRC covers all types, disciplines and roofing technologies and seeks to speak as one voice for the industry.

NFRC consists of seven regions, each represented on the Management Board. The Chief Executive, together with the head office staff in London, works closely with the regional offices, their secretaries and members. NFRC has over a thousand Trade and Associate Members.

Close co-operation is also maintained with the Government, the British Standards Institution, ConstructionSkills and all the UK National Heritage agencies, together with all major associations representing the roofing industry.



The Worshipful Company of Tylers & Bricklayers

The NFRC is proud of its relationship with the Worshipful Company of Tylers and Bricklayers, the City of London livery company which uniquely represents three crafts – roof slating and tiling, wall and floor tiling and bricklaying – which are as important in 2012 as

they were in 1568 when it received its charter from Queen Elizabeth the First. Its close involvement in training in these crafts revolves around SkillBuild.



Joint 2011 SkillBuild Roof Slating and Tiling champions Kevin Barker and Stephen Harkin won the Tylers' and Bricklayers' Mason-Elliott Award at the Company's 2012 Craft Awards lunch. This and the other awards were presented by Alderman Roger Gifford with the Master, Piers Nicholson, seen here with all the winners.

SUPPORT FOR AFFILIATED COLLEGES

In March 2006 NFRC introduced the Affiliated College Scheme for all colleges involved in training and qualifying apprentice roofers. Originally this was set up as a pilot scheme to support college lecturers with technical information and, where possible, help colleges build greater links with NFRC Associate Members with regards to increasing the amount of materials available for training.

Now six years on, NFRC is pleased to report that colleges are using many of the benefits offered and feeling closer to the colleges than ever before.

As the largest roofing trade association, NFRC feels a duty to assist the colleges as they endeavour to train the next generation of roofers. NFRC believes that a well trained and qualified workforce benefits roofing in general, as well as trade member companies.

NFRC continues to encourage colleges to make sure they are making the most of the benefits on offer. These include:

- **Free downloads of NFRC technical bulletins and guidance notes**
- **Free attendance at NFRC Health & Safety and Technical Seminars**
- **Free use of the website to advertise courses**
- **Free copies of 'all member circulars' and Update**
- **Free PDF CITB-CS Roof Training Manuals (sourced through NFRC)**
- **Free access to member sections of the website**
- **Free access to information on recent/future Skills Competitions**



There are a number of roofing and construction specialist colleges up and down the country and NFRC, who has strong connections to help our members obtain access to excellent training, is affiliated with a vast number of them and they are as follows:

- **Angus College**
- **Bolton Community College**
- **Carnegie College**
- **Cornwall College, St Austell**
- **East Midlands Roofing College**
- **Edinburgh's Telford College**
- **Leeds College of Building**
- **Manchester College**
- **Moulton College**
- **National Construction College Midlands**
- **National Construction College Scotland**
- **National Construction College South**
- **NFRC Roof Training Centre NI**
- **Newcastle College**
- **The North Highland College**
- **Otley College, Ipswich**
- **Reid Kerr College**
- **South Lanarkshire College**



All images taken from the regional RST heats in 2012

ROOF SLATING & TILING

COMPETITORS

Scotland

Competitor: Chris Kennedy
Employer: Sutton Roof Maintenance
Tutor: Gary Gordon
College: Angus College

Competitor: Jonathan Young
Employer: West Lothian Council
Tutor: Bob Coutts
College: Edinburgh's Telford College

London & Southern Counties

Competitor: Aaron Holloway
Employer: Scofield & Lait Roofing Ltd
Tutor: Colin Wombwell
College: Eastern Region Roof Training Group

Yorkshire & North East

Competitor: Joshua Tidswell
Employer: Oakwood Roofing Ltd
Tutor: Chris Messenger
College: Leeds College of Building

Competitor: Tom Cleminson
Employer: Bradford Roofing Contractors Ltd
Tutor: Chris Messenger
College: Leeds College of Building

South West

Competitor: Nathan Shaw
Employer: M.A.R. Roofing Services
Tutor: Sean Sullivan
College: Cornwall College, St. Austell

North West

Competitor: Neil Campbell
Employer: Crescent Roofing Ltd
Tutor: Stuart Hill
College: Bolton College

Competitor: Jack Wimbush
Employer: Jackson Jackson & Sons Ltd
Tutor: Stuart Hill
College: Bolton College

GENERAL SPECIFICATIONS

STRAIGHT AREA

265 x 165mm Sandtoft Concrete Plain Tiles laid to a minimum 65mm headlap, over 38 x 25mm SR Timber Gold Battens, Permo Air Underlay, Support Trays and DryVerge all by Klobber. In-set into the tiling are feature tiles and 3no. SolarCentury C21e Solar Electric Modules for Plain Tiles weathered with proprietary soakers.

VALLEY AREA

400 x 250mm SIGA 39 natural slates pre-holed for a minimum headlap of 80mm, centre nailed with two nails per slate, over 50 x 25mm SR Timber Gold Battens, Klobber Permo Air Underlay and Support Trays. Verges slates are weather-chamfered and overhang dry without mortar. Valleys are mitred with DPC fish-tail soakers.

ABUTMENTS *(the point where two structures meet)*

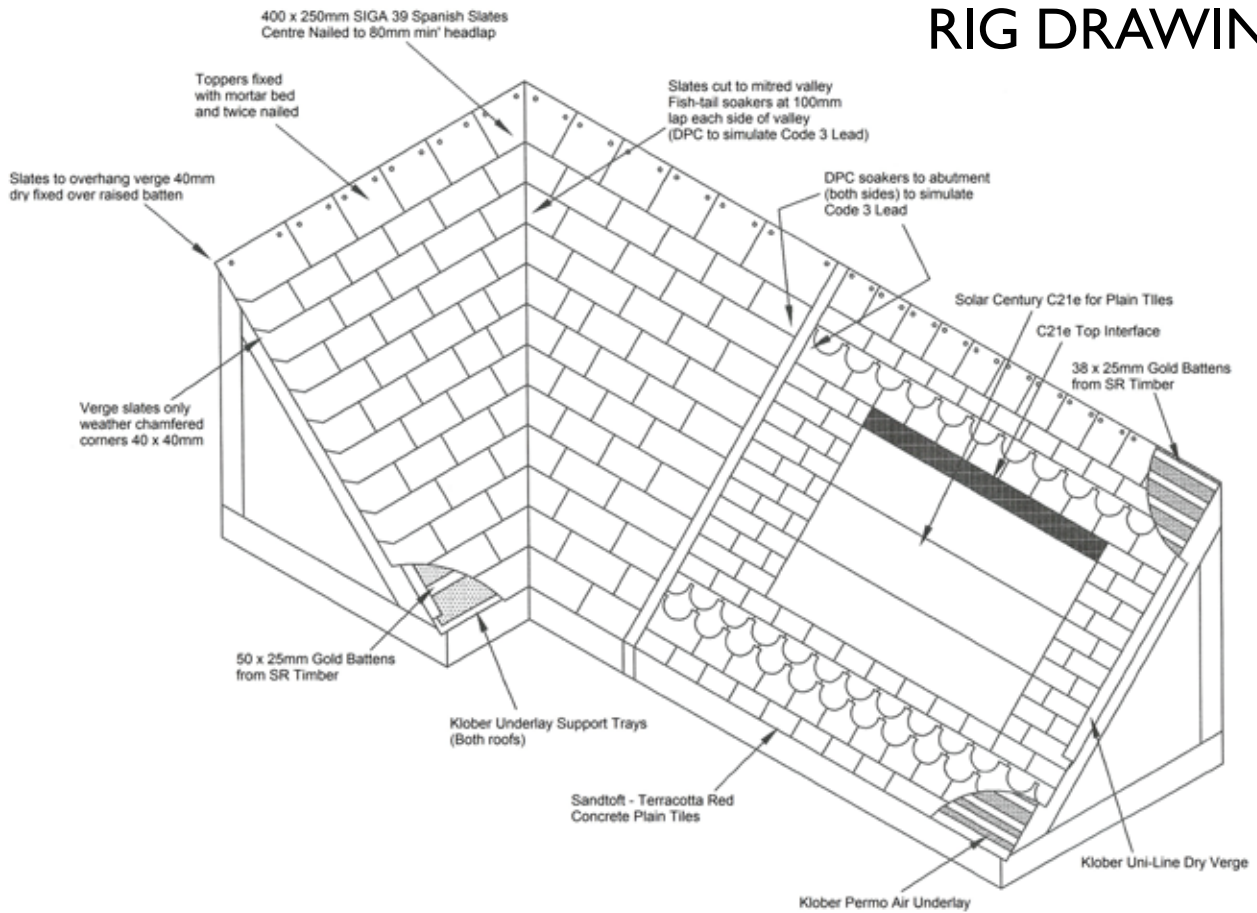
(Both sides) Underlay to be turned up at and slates cut or positioned to flush with stop board with DPC soakers required.

See the RST Rig drawing and marking overleaf



ROOF SLATING & TILING

RIG DRAWING



Marking Scheme

Max. 520
Marks

| | |
|---|-----|
| Underlay and Support Trays – Tiled Section | 30 |
| Underlay and Support Trays – Slated Section | 40 |
| Battens and Dry Verge – Tiled Section | 50 |
| Battens – Slated Section | 60 |
| Tiling – Plain Tiling and PV Modules | 100 |
| Slating – Including all pattern Work | 170 |
| Marks for overall appearance | 20 |
| Health and Safety | 30 |

REINFORCED BITUMINOUS MEMBRANE

COMPETITORS

Midlands

Competitor: Jordan Lane
Employer: Lane Roofing Ltd
Tutor: Nick Cuddihy
College: NCC Midlands

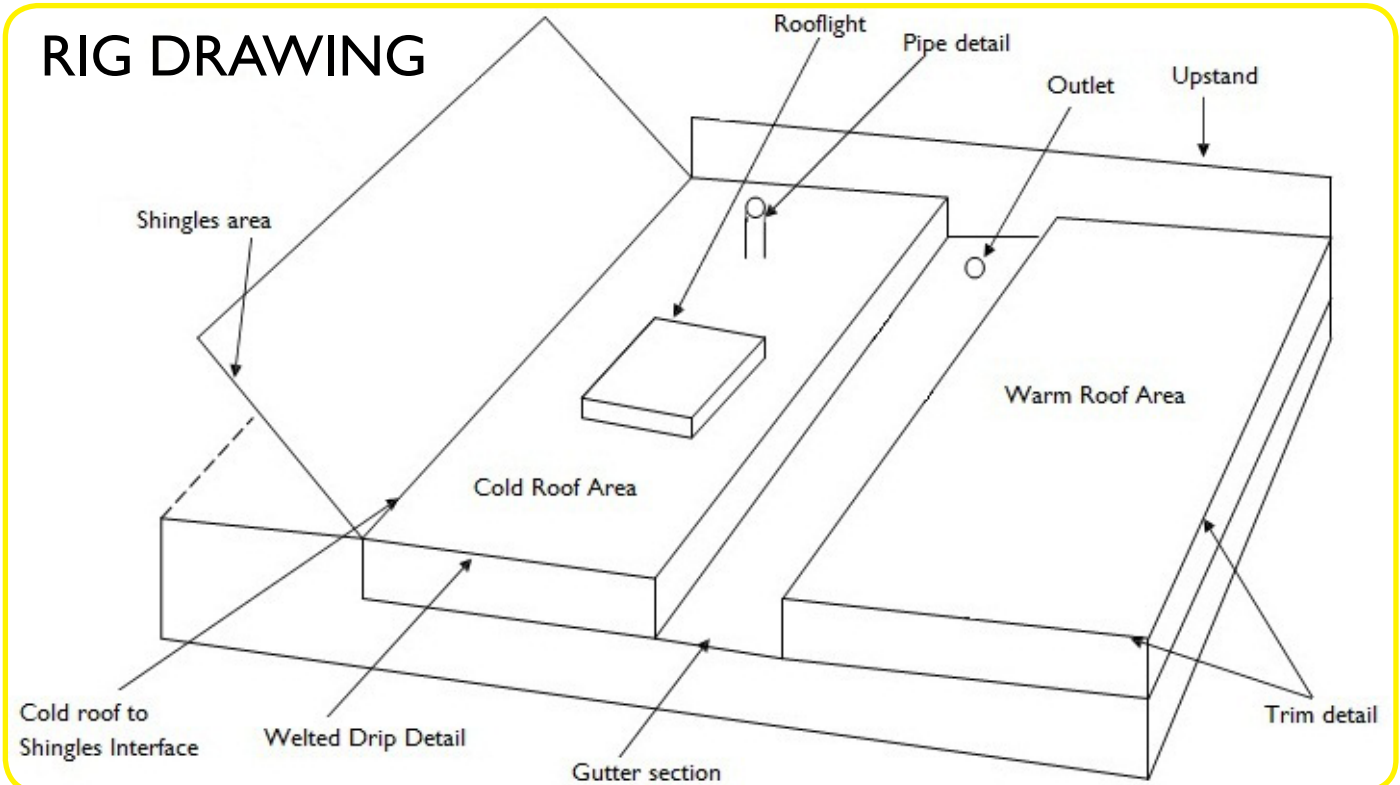
Competitor: Joshua Allen-Sutherland
Employer: Mells Roofing Ltd
Tutor: Nick Cuddihy
College: NCC Midlands

Scotland

Competitor: Mark Dunn
Employer: Starfish 9 Ltd
Tutor: David Ballantyne
College: NCC Scotland

Competitor: James Wynn
Employer: George Brolly & Co (Roofing) Ltd
Tutor: David Ballantyne
College: NCC Scotland

RIG DRAWING



GENERAL SPECIFICATIONS

WARM ROOF AREA INCLUDING GUTTER

Icopal Xtra-Seal Bitumen Primer applied to deck followed by Total Torch Vapour Control Layer, Thermazone Torchtop insulation boards, Total Torch Vapour Dispersion Layer and Icopal Tecnatorch capsheet. All detail work to comprise of one layer each of Icopal Premium SBS Torch On Underlay and Icopal Tecnatorch cap sheet.

COLD ROOF AREA

Icopal Xtra-Seal Bitumen Primer applied to deck followed by Total Torch Vapour Dispersion Layer Icopal Tecnatorch capsheet. All detail work to comprise of one layer each of Icopal Premium SBS Torch On Underlay and Icopal Tecnatorch cap sheet.

SHINGLES TO SLOPE AREA

Install Icopal 3B underlay to deck (random nailed) followed by shingles installed as per Icopal's instructions and guidelines.

| Marking Scheme | Max. 500 Marks |
|-----------------|----------------|
| Warm Roof | 100 |
| Box Gutter | 100 |
| Flat Cold Roof | 100 |
| Slope Shingles | 100 |
| Aesthetics | 50 |
| Health & Safety | 50 |

ROOF SHEETING & CLADDING

COMPETITORS

Midlands

Competitor: Barry Hooper
Employer: Southern Industrial Roofing
Tutor: John Lindsay
College: NCC Midlands

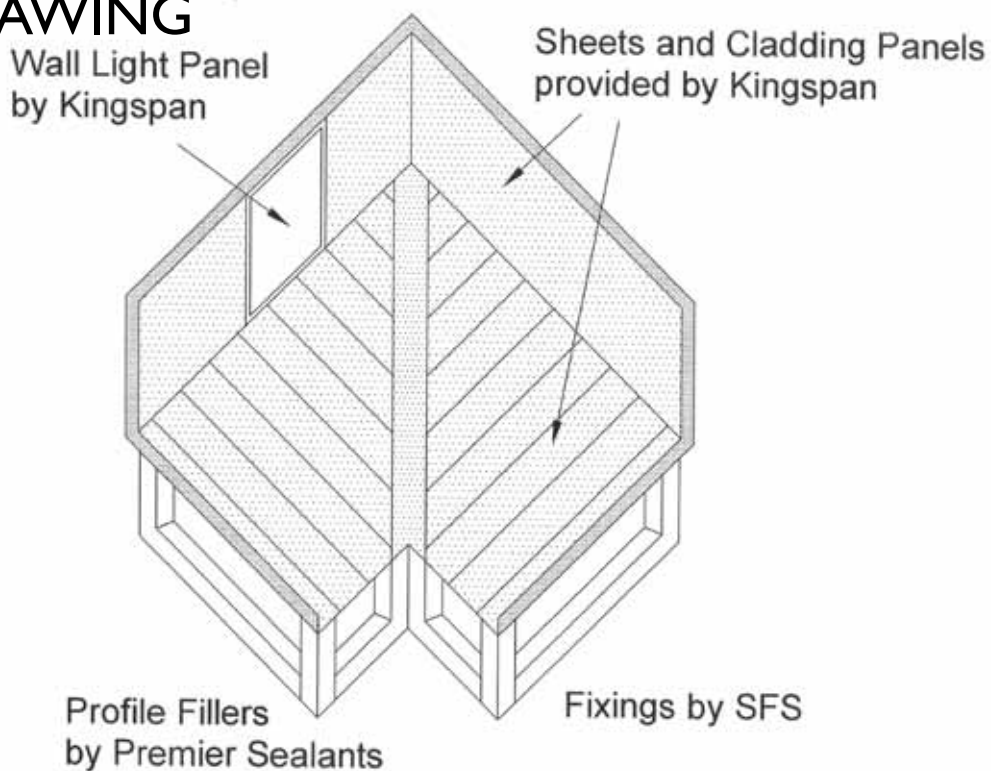
Competitor: Shane Bartram
Employer: Southern Industrial Roofing
Tutor: John Lindsay
College: NCC Midlands

Scotland

Competitor: Craig Owens
Employer: Topek
Tutor: John Lindsay
College: NCC Scotland

Competitor: Kane Scott
Employer: North East Contracts Ltd
Tutor: John Lindsay
College: NCC Scotland

RIG DRAWING



GENERAL SPECIFICATIONS

MAIN ROOF

Kingspan KS1000 RW - Roof Panel - XL Forte (Goosewing Grey) coated to external face, incorporating a Polycarb rooflight to one slope. Fixings by SFS. Profile fillers by Premier Sealants.

Details: Verge end, Apron abutment, Hip valley, Eaves Closure and trimline gutter

COMPOSITE HORIZONTAL CLADDING

Kingspan KS1000 WV - Horizontal Wall Panel 60mm Insulation Internal finish smooth bright white. Incorporating a Kingspan Wall-Lite. Fixings by SFS.

Details: Parapet capping, Corner closure and base drip.

Marking Scheme

Max. 500 Marks

| | |
|--------------------|-----|
| Preliminaries | 60 |
| Roof sheeting | 150 |
| Parapet capping | 130 |
| Perimeter flashing | 100 |
| Overall finish | 30 |
| Health & Safety | 30 |

MAIN SPONSOR SPOTLIGHT

We could not undertake the competition at this high level without continued loyalty, commitment, support and generosity of all our sponsors. This year we put the spotlight on our main sponsor:



SIG Roofing & Roofline is the largest specialist distributing merchant of roofing and roofing materials, ranging from pitched, flat, industrial, sustainable, heritage and roofline. They work with specialist and leading manufacturers and also give advice and technical support to their customers.

www.sigroofing.co.uk

SUPPORTING QUALITY ROOFERS OF THE FUTURE



The SkillBuild competition is a great showcase for young crafts persons to demonstrate their workmanship and technical prowess, completing rounds of heats culminating in a prestigious final, which this year will be held at Preston College. NFRC, of course, runs the roofing competition.

Whilst a great competition to support, it does not come without its struggle and complications to organise everything required to make sure it all goes without a hitch from materials, to deliveries, to judging requirements. It's a mammoth task to bring everything together at a number of locations at the right time. However, for a number of years, NFRC has had the help of SIG Roofing and Roofline who support the competition from supplying a range of materials through to managing and performing all of the logistical requirements.



NFRC wanted to find out from SIG why they are committed to supporting this event, so met with Stuart Base, Marketing Manager at SIG. "Quality and excellence is at the very heart of the roofing industry. NFRC and SIG Roofing and Roofline are always keen to recognise people who demonstrate the commitment and passion to a skill that is one of the most important elements of the construction industry," said Stuart.

"Furthermore, to support quality we like to ensure that we provide quality materials including SIGA natural slate for the entrants to work with, knowing that they are using a material that has undergone both strict testing and has the aesthetics that really show off people's work.

"Finally, SIG are experts in sourcing and delivering materials to locations nationwide, using a fleet of over 300 vehicles to ensure that we can deliver to any location no matter the challenge.

"Therefore with our commitment to both quality and the industry along with our skill set it makes perfect sense to fully support the SkillBuild competition."



One difficulty that NFRC faces each competition is being able to move the large built competition rigs around the country and for the past couple of years SIG have been able to come to our assistance by providing vital logistics sponsorship in addition to materials.

SPONSORS

A BIG THANKYOU to the competitors, their employers, mentors, judges, contributors, main sponsor **SIG Roofing and Roofline** (see Page 7) and sponsors shown below:

KINGSPAN

Sponsoring: Main coverings for RSC

Manufacturer of high quality FIREsafe approved insulated roof, wall and façade systems for the construction industry.

www.kingspanpanels.com



THE WORSHIPFUL COMPANY OF TYLERS AND BRICKLAYERS



SOLARCENTURY

Sponsoring: Solar PV Tiles for RST

Solarcentury believes that roofers are ideally placed to support the on-roof elements of a solar installation and with Feed-in Tariffs encouraging the uptake of solar throughout Europe, roofers who diversify to provide solar installation services are helping to drive forward a roofing revolution.

www.solarcentury.co.uk



SFS INTEC

Sponsoring: Fixings for RSC

Manufacturer and supplier of carbon and stainless steel self drilling fasteners to the construction industry together with the supply of specialist warranty ancillary products such as butyls, tapes and sealants.

www.sfsintec.biz/uk



ICOPAL

Sponsoring: General sponsors for RBM

Manufacturer of waterproofing membranes for pour and roll/torch-on roofing, underlays, roof insulation and components and single ply.

www.icopal.co.uk



SANDTOFT ROOF TILES

Sponsoring: Tiles for RST

Manufacturers of machine and handmade natural clay tiles, concrete tiles and reconstituted slates, as well as a comprehensive range of decorative fittings, dry fix, ventilation and other accessories.

www.sandtoft.com



SR TIMBER

Sponsoring: Battens for RST

Producers of imported roofing battens from their own sawmill. SR Timber distributes throughout the UK's roofing and building sector, in half and full loads.

www.sr-timber.co.uk



KLOBER

Sponsoring: Underlay, dry fix and support trays for RST

Supplier of Breathable and Non Breathable roofing underlays, Roof Ventilation products and Dry Fix roofing systems.

www.klober.co.uk

