

SkillBuild 2011

14th - 16th September 2011



Young crafts people from around the UK will be demonstrating their considerable capabilities at the national final of SkillBuild 2011. This year, Leeds College of Building, Stourton, is once again playing host to the event on 14 - 16th September.

SkillBuild is a highly important national competition that takes place annually aiming to promote excellence amongst the UK's young crafts people. 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."*

Our competitors have taken part in various heats up and down the country and have now been whittled down by the judges; with the top scorers from each of the heats and disciplines going onto compete in the National Final. The winners of each competition will receive their prizes at the Gala Presentation Dinner, at the Royal Armoury in Leeds, 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 Birmingham in May 2012 where they will be recognised for their outstanding skills.

We wish them all the best of luck!

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 various aspects of the roofing industry.



The Worshipful Company of Tylers & Bricklayers

NFRC is proud of the relationship it has with The Worshipful Company of Tylers and Bricklayers, who can trace their origins back to the year 1416. The City of London Livery Company which represents the crafts bricklaying, Roof Slating & Tiling (RST) and ceramic wall & floor tiling has a large involvement in training that revolves around SkillBuild.



Matthew Timby (left), winner of SkillBuild 2010 RST category, receives the Mason Elliott Award for Roof Tiling & Slating from Alderman, David Wootton.

Photo: Peter Holland

DID YOU KNOW?

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:

- 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
- Reid Kerr College
- South Lanarkshire College



(Above) Images taken from the various regional RST heats in 2011.

During the competition final the RBM competitors will go through:

- 12 rolls of IKO Hexagonal Shingles
- 3 boxes IKO adhesive
- 76kg Propane gas
- 20kg SIGR 20mm nails
- 20m² IKO insulation

The RST winner receives the Mason Elliott Award presented by The Worshipful Company of Tylers & Bricklayers.

This historical London Livery company is over 595 years old!

During the competition final the RSC competitors will go through:

- 3,500 Sandtoft Tiles
- 1,750 SIG Spanish slates
- 1200m John Brash Red Battens
- 10 rolls of Klobler underlay
- 225 Hambleside Danelaw PSC Soakers

During the competition final the RSC competitors will go through:

- 18 Tata 70mm thick composite panels
- 4 Hambleside Danelaw profiled roof lights
- 2,800 SFS Intec fixings
- 30 Premier Sealants profile fillers
- 80 Cladding Services Eastern Ltd flashings



(Left to right) Images taken from last year's World Championship for Young Roofers, the UK team is selected from previous SkillBuild winners.

ROOF SLATING & TILING

COMPETITORS

London & Southern Counties

Competitor: Daniel Biggs
Employer: Richardson Roofing Co Ltd
Tutor: Alan King
College: NCC South

Midlands

Competitor: Scott McGowan
Employer: MGL Roofing Ltd
Tutor: Arthur Jevons
College: NCC Midlands

Northern Ireland

Competitor: Stephen Harkin
Employer: D Harkin & Co Roofing Ltd
Tutor: Geoffrey Parkinson
College: NFRC Roof Training Centre
NI

North West

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

Scotland

Competitor: Callum Murphy
Employer: South West Roofing
Services Ltd
Tutor: Mark Rigby
College: Edinburgh's Telford College

Competitor: Alexander Berry
Employer: Paul Miller - Roofing
Tutor: John McGinley/James McVey
College: South Lanarkshire College

Yorkshire & North East

Competitor: Kevin Barker
Employer: Dodds Roofing Services Ltd
Tutor: Chris Messenger
College: Leeds College of Building

Competitor: Michael Wallace
Employer: Matthew Charlton & Sons
(Slaters) Ltd
Tutor: Alyn Carr
College: Newcastle College

GENERAL SPECIFICATIONS

STRAIGHT AREA

400 x 250mm SIGA 31 natural slates (un-holed), centre nailed with two nails per slate to a minimum headlap of 80mm, over 50 x 25mm John Brash Red Battens and Klobber Air Permeable Underlay

VALLEY AREA

265 x 165mm Sandtoft Plain Tiles laid to a Minimum Headlap of 65 mm, Purpose Made Valley Tiles, Ornamental Tiling, Shadow Pointing to Verge over 38 x 25mm John Brash Red Battens and Klobber Air Permeable Underlay

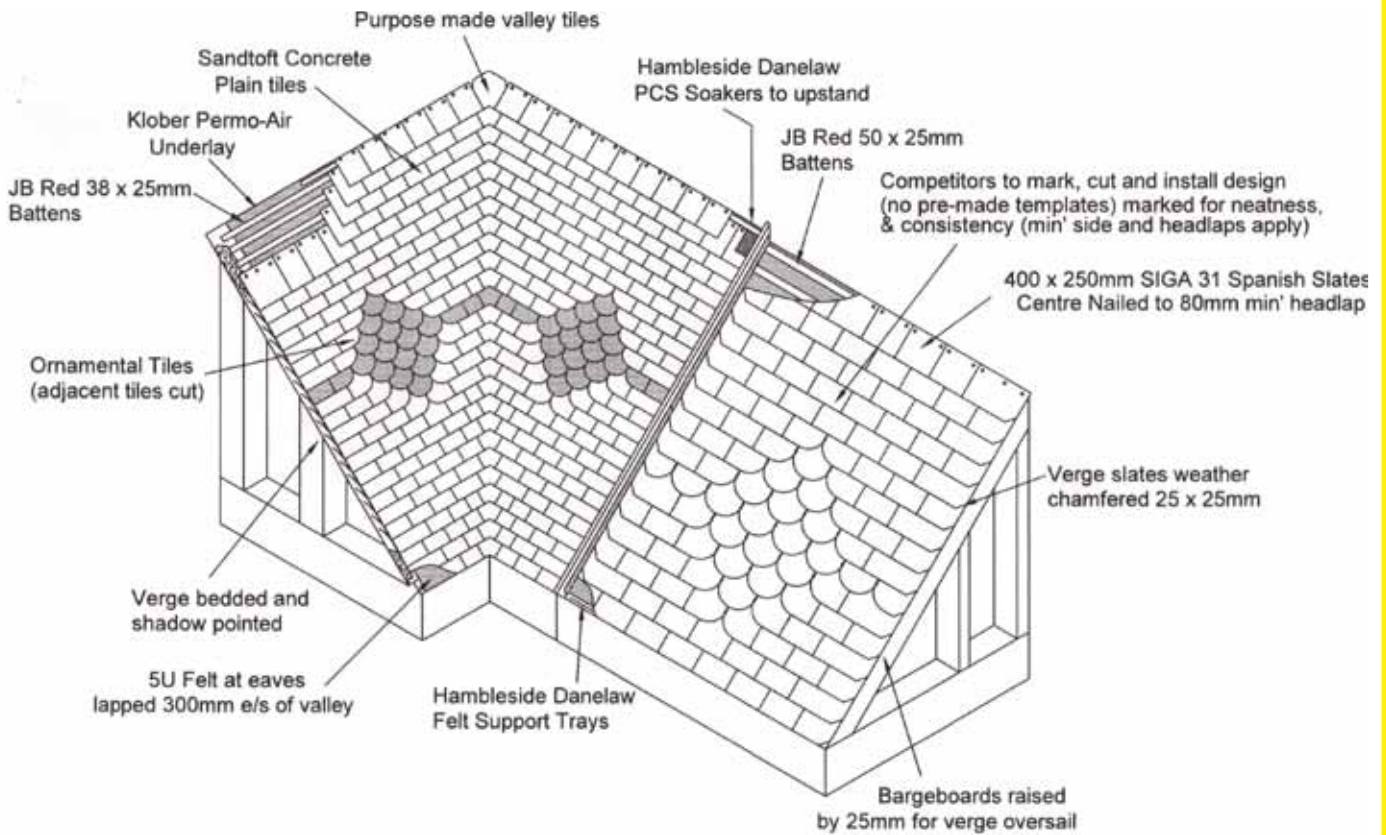
ABUTMENTS (the point where two structures meet)
(Both sides) Underlay to be turned up at and slates cut or positioned to be flush with stop board – Hambleside Danelaw Plain Tile Soakers to tiled side, no soakers required on slate side

See the RST Rig drawing and marking overleaf



ROOF SLATING & TILING

RIG DRAWING



Marking Scheme

Max. 300
Marks

Underlay – Tiled Section	30
Underlay and Support Trays – Slated Section	15
Battens and Undercloak – Tiled Section	35
Battens – Slated Section	15
Tiling – Including all mortar work	75
Slating – Including all pattern Work	75
Marks for overall appearance	25
Health and safety	30

REINFORCED BITUMINOUS MEMBRANE

COMPETITORS

London & Southern Counties

Competitor: Samuel Hall

Employer: Russell Trew Ltd
Tutor: David Ballantyne
College: NCC South

Competitor: Grant Stevenson

Employer: Miller Roofing
Tutor: David Ballantyne
College: NCC Scotland

Scotland

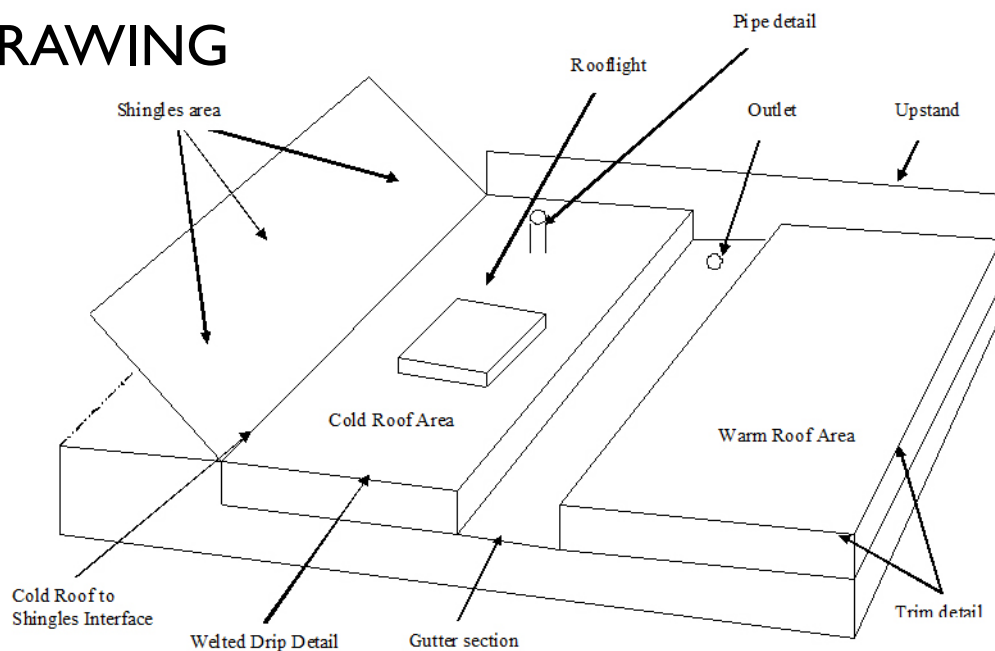
Competitor: Mark Dunn

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

Systems primer applied to deck followed by IKO vapour control layer, insulation bonded in two part adhesive, systems S/A underlay, and Torch applied ultra prevent capsheet

COLD ROOF AREA

Systems primer applied to deck followed by systems S/A underlay, and Torch applied ultra prevent capsheet

SHINGLES TO SLOPE AREA

Install IKO shingles underlay to deck (random nailed) followed by shingles installed as per instructions to a competitor chosen pattern

Marking Scheme	Max. 350 Marks
Warm Roof	100
Box Gutter	50
Cold Roof	60
Shingles	60
Aesthetics	50
Health & Safety	30

ROOF SHEETING & CLADDING

COMPETITORS

Scotland

Competitor: Peter Kerr

Employer: Weatherproofing Advisors Ltd
Tutor: John Lindsay
College: NCC Scotland

Competitor: Paul Nicholas

Employer: Weatherproofing Advisors Ltd
Tutor: John Lindsay
College: NCC Scotland

Scotland

Competitor: Scott Lyons

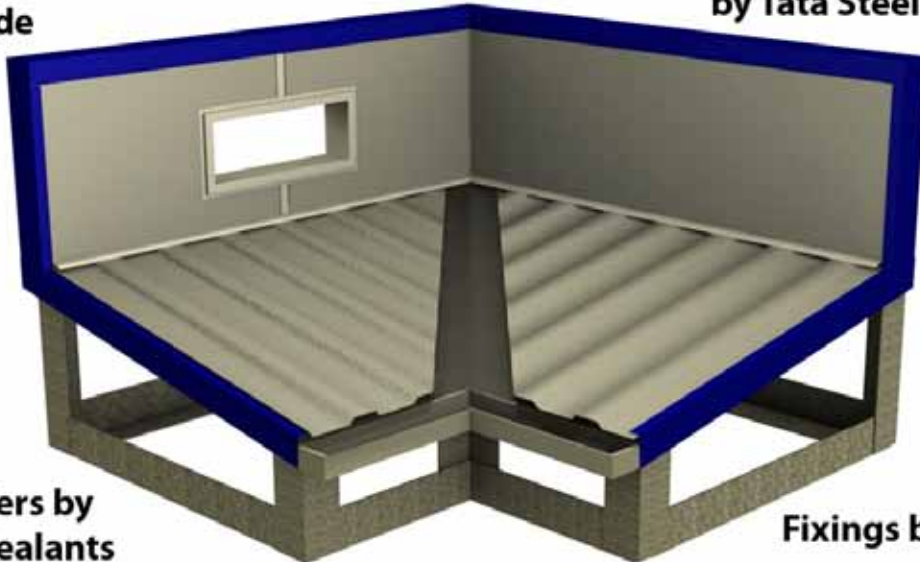
Employer: North East Contracts Ltd
Tutor: John Lindsay
College: NCC Scotland

Competitor: Kane Scott

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

Translucent panels
provided by
Hambleside
Danelaw

Cladding panels provided
by Tata Steel



Profile fillers by
Premier Sealants

Fixings by SFS Intec

GENERAL SPECIFICATIONS

MAIN ROOF

Tata 0.7mm 32/1000 Trapezoidal roof sheets, HPS200 plastisol coated to external face, incorporating a GRP rooflight to one slope.

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

COMPOSITE HORIZONTAL CLADDING

Tata Trimapanel Micro Rib to external face with Prisma coating. Colour Orion. 70mm Insulation Internal finish smooth bright white.

Details: Parapet capping, Corner closure and window surround flashing.

Marking Scheme

Max. 300
Marks

Preliminaries	20
Roof sheeting	90
Parapet capping	80
Perimeter flashing	60
Overall finish	20
Health & Safety	30

SPONSOR SPOTLIGHT

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

KLOBER

Klober is one of Europe's leading roof ventilation, airtightness and roofing accessory manufacturers. Its extensive range includes vapour permeable, non-permeable and air-open underlays, as well as dry-fix products and vents for pitched and flat roofs. Products specifically designed to enhance Code for Sustainable Homes and BREEAM performance include vapour control layers, air barriers, tapes, sealants, sealing collars and newly launched 'Solar-Line' accessories for PV and solar thermal panel installation. Products are designed specifically for universal use and the combination of performance, manufacturing quality and design has led to the creation of some of the industry's best known and respected brands.

All products are supplied through a nationwide network of roofing merchants.

Why Klober get involved with SkillBuild?

Practicality for the installer is key to all Klober product design. The company has led the UK roofing market in developing roofing airtightness products and with SkillBuild being Britain's biggest skills competition becoming a sponsor provides the ideal opportunity to work alongside the NFRC in the promotion of training. SkillBuild events demonstrate the best in contracting throughout the UK and provide the perfect platform to discuss products and installation with those that use them.

Sandtoft

Established in 1904, Sandtoft operates from 14 production lines across 4 manufacturing sites, designing and supplying roof systems for the construction industry nationwide. In January 2008 Sandtoft joined the Wienerberger group, and now draws upon the experience, strength and resources of the world leader in tiles and bricks.

Sandtoft has pioneered many of the most innovative advances in pitched roofing of recent years. The range of tiles and slates has grown to become the widest and most diverse in the industry; stretching from an array of traditional plain tiles, pantiles and slates, to ground breaking new labour saving designs.

Why you get involved with SkillBuild?

Sandtoft has supported SkillBuild for many years, and has a genuine desire to put something back into the roofing industry by encouraging the training of new generations of skilled roofers. Sandtoft supports the training of young workers through colleges by supplying roofing materials free of charge for them to work with as they train, prepare and then enter the SkillBuild heats. The company similarly supply materials for use in the SkillBuild finals. Sandtoft provides and sponsors one of the SkillBuild judges; Simon Dixon, a roofing trainer and NVQ assessor with many years experience.

SIG ROOFING SUPPLIES

SIG Roofing Supplies 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.

Essentially, their involvement in SkillBuild is providing materials and logistical expertise-aiming to deliver the right quantities to the right places, at the right time. SIG believe that it's very important to support such a skilled industry and are now able to provide legislation and training courses to help support its customers achieve the highest standards. New initiatives include encouraging Roofing Contractors to engage with homeowners and providing training schemes on managing credit. SIG would like to recognise where training has paid off by rewarding excellence, through it's support of The Roofing Awards.

SIG believe supporting competitions like SkillBuild is really important as the roofing industry is an integral part of the construction industry. SIG's mantra is to drive the excellence of workmanship in this skilled industry.

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.

NFRC ASSOCIATE SPONSORS

A BIG THANK YOU from NFRC to The Worshipful Company of Tylers & Bricklayers, Competitor employers, the competitors, mentors, judges, contributors and...

LOGISTICS SPONSOR



RBM SPONSORS



RSC SPONSORS



RST SPONSORS



PRIZE SPONSORS

