



EAST AFRICAN STANDARD

**Building and civil engineering — Parts of construction works —
Roofs and roofing vocabulary**

DRAFT DEAS FOR PUBLIC COMMENTS

EAST AFRICAN COMMUNITY

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Building and civil engineering — Parts of construction works —Roofs and roofing vocabulary

Scope

This Draft East Africa Standard describes the terms and definitions covering parts of construction works of roof and roofing applied in building and civil engineering

2 Normative references

There are no normative reference

Terms and definitions

For the purposes of this document, the following terms and definitions apply

1 Roof types

1.1 Base terms

1.1.01

roof

construction enclosing a building from above

1.1.02

flat roof [platform roof]

roof, either with a slight slope or horizontal

1.1.03

pitched roof

roof, having a pitch less than 10° to the horizontal. to the horizontal.

1.1.04

monopitch roof

pitched roof in one plane only

1.1.05

duopitch roof

pitched roof that has a slope on each side of a *ridge*

1.1.06

lean-to roof

monopitch roof that has its upper edge against a wall

1.1.07

hipped roof

pitched roof with hipped ends

1.1.08

gable roof

pitched roof that terminates at one or both ends as a *gable*

1.1.09

mansard roof

pitched roof with two slopes on each side of the *ridge*; the steeper of the two starting at the *eaves*

1.1.10

sawtooth roof

series of *pitched roofs* one slope of which is glazed and steeper than the other (e.g. the northern in the northern hemisphere)

1.1.11

barrel vault roof

Thin, concrete roof, part cylindrical in section

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1.1.12**cold roof**

Roof that has insulation at ceiling level and a ventilated void between the insulation and the *roofing*.

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1.1.13**warm roof**

Roof that has insulation immediately below its weatherproofing

1.1.14**inverted roof**

Roof that has insulation laid above its weatherproofing membrane and held in position by, e.g. paving slabs, ballast.

1.1.15**reservoir roof**

Roof able to retain water to a specified depth

1.1.16**open roof**

Roof that has no ceiling fixed to or hung from it

1.1.17**pavilion roof**

Roof composed of a number of equal triangular sloping surfaces

1.2 Structural**1.2.01****couple roof**

Roof composed of rafters with their feet fixed to wall plates and their heads butting against a *ridge board* without ties

1.2.02**close couple roof**

roof composed of rafters with their feet fixed to wall plates, their heads butting against a *ridge board* and with horizontal ties at wall plate level

1.2.03**collar roof**

roof composed of rafters with their feet fixed to wall plates, their heads butting against a *ridge board* and with horizontal ties at approximately mid slope

1.2.04**roof deck**

structure and upper surface of a *flat roof*

1.2.05**roof decking**

prefabricated components that form a *roof deck*

1.2.06**purlin roof**

roof in which the purlins are supported on the end walls without intermediate support

2 Roof features and components**2.1 Base terms****2.1.01****eaves**

lower edge of a *pitched roof* or edge of a *flat roof*

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2.1.02**closed eaves**

eaves in which overhanging rafters are enclosed

2.1.03**open eaves**

eaves in which overhanging rafters are exposed

2.1.04**gable**

portion of wall above eaves level that encloses the end of a *pitched roof*

2.1.05**gablet**

Small *gable*

2.1.06**hip [piend]**

inclined meeting line of two slopes in a *pitched roof* that forms a salient angle

2.1.07**mitred hip (1)**

covering of *roofing tiles, roofing slates, shingles or shakes* cut to form a mitred joint at the *hip* and laid with *soakers*

2.1.08**mitred hip (2)**

Covering of *shingles or shakes* cut to fit closely together at the intersection of steep slopes, as on spires

2.1.09**hipped end**

Roof surface, usually triangular, bounded by *hips* at the sides and *eaves hip end deprecated* at the base

2.1.10**half hipped end**

trapezoidal *hipped end* terminated by a *gablet*

2.1.11**hip hook**

Component fixed to lower end of a *hip* rafter forming a stop for the covering at a *hip*

2.1.12**fitted end**

End of a *hip capping or ridge capping* at an abutment

2.1.13**ridge**

intersection at the top of two slopes in a *pitched roof* that forms the apex of the *roof*

2.1.14**fair end of ridge**

Finish at the end of a *ridge*

2.1.15**top edge**

Upper edge of a *roof* surface finishing at a *ridge* or against part of a structure rising above the *roof* surface

2.1.16**valley**

inclined meeting line of two slopes in a *pitched roof* that forms a re-entrant angle

2.1.17**laced valley**

Tiled or slated *valley* where *courses* are not horizontal, each *course* being swept up to a *tile-and-a-half tile* or *slate-and-a-half slate* laid aslant on a wide board

2.1.18**mitred valley**

Tiled, slated or shingled *valley* in which each *course* is close cut, mitred at the *valley* and laid with soakers

2.1.19**open valley**

Valley where *roofing* is cut and laid so the *valley* lining is visible in the space between the two slopes

2.1.20**swept valley**

Valley where *roofing tiles*, *roofing slates*, *shingles*, or *shakes*, made or cut to a taper, sweep around the horizontal *course*

2.1.21**tapered valley**

Open valley arranged so as to be wider at the bottom than top

2.1.22**verge**

Sloping edge of a *pitched roof*

2.1.23**dry verge**

Verge formed without mortar

2.1.24**roof finial**

Decorative fitting at the end of a *ridge*, at the junction of *ridge* and *hip*, or at the top of a conical, pyramidal, or dome *roof*

2.1.25**fliche**

Small slender spire usually on a *ridge*

2.1.26**snowguard**

Low railing or other suitable fitting at the bottom of a *roof* slope to stop snow on the *roof* slipping off

2.1.27**walkway**

Permanent gangway or platform along a *roof*

2.1.28**kerb plate**

Plate at change of *pitch* in a *mansard roof*

2.1.29**gutter bearer**

Horizontal timber member to which a *gutter board* of a parapet or *valley* gutter is fixed

2.2 Boards

2.2.01

ridge board

Longitudinal structural member at a *ridge*

2.2.02

barge board

Board fixed along the top edge of a *gable*

2.2.03

fascia board

Board fixed to rafter ends, wall plate or wall face at *eaves*

2.2.04

soffit board

Board, fixed to the feet of rafters, that forms the underside of projecting *eaves*

2.2.05

snowboard

System of small sections in a gutter to facilitate drainage of melting snow from a *roof*

2.2.06

gutter board

Board on which lining material is laid to form the sole of a gutter

2.2.07

lear board

Board fixed across rafters to provide bearing surface for gutter linings or jack rafters

2.2.08

sarking

Boards used over rafters

2.2.09

valley board

Board at a *valley*, that provides support for a *valley* gutter

2.3 Drainage and moisture barriers

2.3.01

anti-capillary groove

Groove formed to prevent movement of moisture

2.3.02

water check

Kerb, raised above the *roof* surface to control rainwater

2.3.03

cesspool

Box formed in a *flat roof* or gutter to collect and direct rainwater into a rainwater pipe

2.3.04

vapour control layer

Layer of material intended to restrict the transmission of water vapour

2.3.05

side gutter

Rainwater gutter formed at the intersection of the side of a dormer or chimney with the slope of a *roof*

2.3.06**back gutter**

Drained area at the horizontal junction between a vertical wall and a *roof* slope that forms an acute angle

3 General roofing**3.0.01****roofing**

Upper layer or layers of a *roof* that provides a weatherproof surface

3.0.02**ornamental roofing**

Roofing wholly or partly of *ornamental slates* or *ornamental tiles*

3.0.03**feint**

Slightly bent free edge of metal sheet *cappings*, *flashing*, etc

3.0.04**dog-ear**

Box-like corner of three dimensions formed by folding a flat metal sheet without cutting

3.0.05**hip capping**

Protective covering at *hip*

3.0.06**ridge capping**

Protective covering at *ridge*

3.0.07**eaves ventilator**

Component fixed at eaves to allow for ventilation into a *roof* void

3.0.08**dry ridge**

Ridge capping formed without mortar

3.0.09**ridge strap**

Metal strip shaped to fit over a metal *hip* or *ridge capping* to prevent lifting by the wind

3.0.10**drip (1)**

Strip of *roofing felt* or metal fixed under or between layers of *roofing* at eaves or verges and turned down over the *roof* edge

3.0.11**drip (2)**

Step formed in a *flat roof* or gutter across the direction of fall

3.0.12**crest**

Upper part of the cross section of a profiled *roofing tile* or *profiled sheet* when laid

3.0.13**trough**

Lower part of the cross section of a profiled *roofing tile* or *profiled sheet* when laid

3.0.14**counter batten**

Batten nailed parallel to the rafters over a boarded or felted *roof*

4 Tile, slate, shingle and shake roofing**4.1 Base terms****4.1.01****cuttings**

Roofing tiles, roofing slates shingles or shakes cut to bond or meet usually at a *hip, valley* or an abutment

4.1.02**head**

Upper edge of *roofing tile, roofing slate, shingle or shake* when laid

4.1.03**margin**

Exposed portion of a *roofing tile, roofing slate, shingle or shake*

4.1.04**course**

Horizontal row of *roofing tiles, roofing slates, shingles or shakes*

4.1.05**ribbon course**

Course that has a *margin* different from the regular *margins* on the same *roof*

4.1.06**diminishing courses**

Courses that have *margins* diminishing from *eaves* to *ridge*

4.1.07**eaves course**

Single or upper *course* of *roofing tiles, roofing slates, shingles or shakes* at *eaves*

4.1.08**double course at eaves**

Two thicknesses of *roofing tiles, roofing slates, shingles or shakes* at *eaves*

4.1.09**undereaves course**

Course of *roofing tiles, roofing slates, shingles or shakes* below the *eaves* course, finished flush with its lower edge and of a length to give correct lap

4.1.10**torching**

Mortar applied to head or side joints on the underside of *roofing tiles* or *roofing slates*

4.1.11**head nailing**

Fixing *roofing slates or shakes* with nails positioned approximately 25 mm below the *head*

4.1.12**centre nailing**

Fixing *roofing slates or shakes* with nails positioned slightly above the top of the *course* below

4.1.13**undercloak (1)**

Plain tiles, roofing slates or other suitable material fixed beneath battens at verges on to which verge tiles are bedded

4.1.14**soaker**

Small piece of sheet, usually metal, shaped and inserted between *roofing tiles, roofing slates, shingles or shakes* at an abutment between a roof slope and a vertical wall or at a *hip or valley*

4.1.15**reinforced felt**

Strengthened *bitumen roofing felt* used under *roofing tiles or roofing slates*

4.1.16**random width roofing**

Roofing with roofing slates, shingles or shakes of uniform length and varying width

4.2 Tile roofing**4.2.01****roofing tile**

Tile for use in *roofing*

4.2.02**double-lap tile**

Roofing tile designed so its lower edge laps *roofing tiles* in two courses below

4.2.03**plain tile**

Roofing tile without moulded surfaces, usually with *nibs* and nail holes

4.2.04**peg tile**

Roofing tile similar to a *plain tile* but without *nibs* and with holes for pegs

4.2.05**ornamental tile**

Plain tile that has a shaped edge on the exposed portion

4.2.06**single-lap tile**

Roofing tile designed so its lower edge laps *roofing tiles* in the course beneath

4.2.07**under-and-over tiles**

Single-lap tiles, rounded in section, used in pairs with the side of the over tile covering that of the under tile

4.2.08**pantile**

Single-lap tile moulded to a flat S-shape in section

4.2.09**double pantile**

Single-lap tile moulded to two *pans* in section

4.2.10**interlocking tile**

Single-lap tile that connects with adjoining tiles by means of close-fitting ribs

4.2.11**tile-and-a-half tile**

Plain tile half as wide again as *roofing tiles* with which it is used

4.2.12**half tile**

Roofing tile half as wide as *roofing tiles* with which it is used

4.2.13**top course tile**

Short *roofing tile* used with *plain tiles* in a top course

4.2.14**eaves tile**

Short *roofing tile* used with *plain tiles* to form an *undereaves course*

4.2.15**verge tile**

Roofing tile, sometimes purpose-made, used at a *verge*

4.2.16**double roll verge tile**

Verge tile with a roll on both edges so that *verges* to right and left may be similar

4.2.17**left hand verge tile**

Purpose-made *verge tile* formed to finish a left hand *verge*

4.2.18**cloaked verge tile**

Verge tile for covering the edge of a *verge*

4.2.19**ridge tile**

Roofing tile formed into *ridge capping*

4.2.20**angular ridge tile**

Ridge tile that has an arris along the line of a *ridge*

4.2.21**block end ridge tile**

Ridge tile manufactured with a closed end

4.2.22**hip tile**

Roofing tile formed into *hip capping*

4.2.23**angular hip tile**

Hip tile that has an arris along the line of a *hip*

4.2.24**bonnet hip tile**

Rounded *hip tile* that allows room for bedding to fill the space at the granny bonnet *deprecated lap*

4.2.25**broken bond tile**

Single-lap tile designed so the side edge of each tile comes over the middle of the *head* of a *roofing tile* in the course below

4.2.26**valley tile**

Roofing tile used at a *valley*

4.2.27**mansard tile**

Roofing tile that covers the junction between the two pitches of a *mansard roof*

4.2.28**angle tile**

Tile that covers external or internal angles in *tile hanging*

4.2.29**eaves filler unit**

Component that fills the space under the roll of a *roofing tile* at the *eaves*, and thereby excludes vermin

4.2.30**rooflight tile**

Roofing tile of glass or translucent plastics

4.2.31**ventilating tile**

Roofing tile that is shaped to allow for ventilation

4.2.32**gas flue ridge tile**

Ridge tile incorporating a flue terminal for gas-fired appliances

4.2.33**ventilating ridge tile**

Ridge tile that provides ventilation

4.2.34**dentil slip**

Small rectangular pieces of *plain tile* bedded between the underside of a ridge tile or hip tile and the *pan* of a profiled *single-lap tile*

4.2.35**nib**

Projecting lug on the underside of a *roofing tile* at or near the *head*

4.2.36**pan**

Trough of a *single lap tile*

4.2.37**shoulder (1)**

One of two splays formed at diagonally opposite corners of a *single-lap tile*

4.2.38**tile hanging**

Roofing tiles fixed to vertical or near vertical surfaces

4.2.39**roof tiling**

Laying *roofing tiles*

4.2.40**Winchester cutting**

Method of terminating *tile hanging and shingling* under a *verge* in which the last two *roofing tiles* or *shingles* at both ends of every *course* are splay cut

4.2.41**tile clip**

Clip that secures a *roofing tile* in position

4.3 Slate roofing**4.3.01****roofing slate**

Piece of slate or other laminated stone, split and dressed for use in *roofing*

4.3.02**peggy**

Small roofing slate: one of a batch of small random sizes sold by weight

4.3.03**ton slate**

Large roofing slate: one of a batch of large sizes sold by weight

4.3.04**slate-and-a-half slate**

Roofing slate half as wide again as *roofing slates* of regular width with which it is used

4.3.05**asbestos-cement slate**

Component, similar to a *roofing slate*, composed of asbestos fibre and Portland cement

4.3.06**asbestos-free slate**

Component, similar to a *roofing slate*, composed of non-asbestos fibre and a bonding agent

4.3.07**diagonal slate**

Roofing slate or *asbestos-cement slate* that has six sides and is intended to be fixed with one corner uppermost

4.3.08**ornamental slate**

Roofing slate that has a shaped edge on the exposed portion

4.3.09**random slates**

Slates of varying length and width

4.3.10**back of slate**

Upper surface of *roofing slate* when laid

4.3.11**bed of slate**

Under surface of *roofing slate* when laid

4.3.12**tail of slate**

Lower edge of a *roofing slate* when laid

4.3.13**shoulder (2)**

One of two splays cut at the top corners of a *roofing slate*

4.3.14**open slating [open bond slating]**

Roofing that has space between edges of adjacent *roofing slates* in the same course

4.3.15**random slate roofing**

Roofing of *random slates* laid in *diminishing courses*

4.3.16**slate hanging**

Roofing slates fixed to vertical or near vertical surfaces

4.3.17**holing**

Piercing holes in a *roofing slate* to permit fixing

4.3.18**cheek nailing**

Fixing with nails a *roofing slate* having a hole pierced near one edge and cheek nailing *deprecated* a notch cut in its other edge

4.3.19**slating**

Laying *roofing slates* as *roofing*

4.3.20**tingle**

Narrow strip of metal or length of wire used in repair work to support replacement *roofing slates* that cannot be nailed into position

4.4 Shingle and shake roofing**4.4.01****shingle**

Slice of timber sawn from a block, usually tapering in thickness along the grain

NOTE The term also applies to similar components made of synthetic materials, e.g. glass fibre

4.4.02**shake**

Slice of timber split from a block to produce at least one irregular surface, often tapered in its length

4.4.03**shingle butt**

Thick end of tapered *shingle*

4.4.04**shingle tip**

Thin end of tapered *shingle*

4.4.05**shadow course [double coursing]**

Course that consists of two layers of *shingles* with staggered joints, the *shingle butt* of the outer layer being fixed below the inner layer to provide a *drip* (2) and a deeper shadow

4.4.06**staggered butt course**

Course of shingle butts with alternate butts above or below the normal exposure line or pattern

4.4.07**straight butt course**

Course of shingle butts with their butts in a straight line

4.4.08**strip soaker**

*Strip of thin impervious material laid between each *course of shingles* on swept work*

4.4.09**shingling**

Fixing shingles as roofing

4.4.10**weather shingling**

Shingling to vertical or nearly vertical surfaces

4.4.11**weaving**

Shingling at ridges, angles or hips: one course projects to overlap the end of the adjoining course, the next course on the same face is covered by overlapping from the adjoining course

4.4.12**laced corner shingling**

Weaving at internal and external vertical angles

5 Sheet roofing**5.1 Base terms****5.1.01****sheet roofing**

Roofing of metal, bitumen or other material in sheet form

5.1.02**roofing sheet**

Roofing component of metal, plastics or similar material, flat or profiled in section and sufficiently rigid to be self-supporting between supports

5.1.03**roofing isolating layer**

*Material that isolates *asphalt roofing* or *sheet roofing* from the supporting structure*

5.1.04**sheathing**

*Roofing isolating layer of matted fibre *roofing felt* made from long fibres*

5.1.05**inodorous felt**

*Roofing isolating layer for metal *sheet roofing* of matted fibre *roofing felt* made from long fibres and a non-smelling bonding material*

5.1.06**roofing felt**

*Thin non-metallic flexible sheet, based on matted fibres and treated to restrict the passage of water, used as *roofing**

5.2 Profiled sheet roofing

5.2.01

profiled sheet

Roofing sheet formed with regularly spaced longitudinal shaping, to give a corrugated or troughed cross section

5.2.02

cranked sheet

Sheet designed for use in *sheet roofing* where there is a change in *pitch*: it provides weather protection at the junction

5.2.03

double skin roof covering

Roof covering that combines an *outerprofiled sheet* with an inner flat or profiled sealing sheet

5.2.04

corner piece (1)

Accessory that forms a junction between vertical corrugated *roofing* sheets at internal or external angles

5.2.05

corrugation filler

Accessory shaped to fill the corrugations of a *profiled sheet at eaves* or *ridge*

5.2.06

eaves closure piece

Accessory, incorporating a *drip (1)*, that closes corrugations of a *profiled sheet at eaves*

5.2.07

skew filler piece

Corrugation filler at raking eaves or hips

5.2.08

coversoaker [pipe flashing]

Roofing component that provides weather resistance at the point where a component passes through *sheet roofing*

5.2.09

underglazing flashing piece

Accessory at lower edge of patent glazing that provides a shelf to receive flexible *flashing*

5.2.10

crown course

Profiled sheet shaped for use as *ridge capping*

5.2.11

cranked ridge sheet

Curved or cranked *profiled sheet* that provides a protective covering at *ridge*

5.2.12

curved end sheet

Profiled sheet curved at one end

5.3 Flexible sheet roofing

5.3.01

core roll

Shaped section, usually of wood, around which *sheet roofing* is dressed

5.3.02**roll joint**

Joint that accommodates movement between two pieces of *sheet* roofing, usually metal; a *core roll* may be used

5.3.03**hollow roll joint**

Roll joint without a core roll

5.3.04**solid roll joint**

Roll joint with a core roll

5.3.05**torus roll**

Solid roll joint at the intersection formed by the change of pitch in a mansard roof

5.3.06**overcloak**

Upper layer of *sheet roofing* at a *drip (1)*, *roll joint*, seam or welt

5.3.07**undercloak (2)**

Layer of *sheet roofing* below an *overcloak*

5.3.08**splash lap**

Part of the lead *overcloak* of a *drip (1)* or *roll joint* extending on to the flat surface of an adjoining *roofing sheet*

5.3.09**welted edge [single welt]**

Edge of a piece of *sheet roofing* folded to provide stiffness

5.3.10**capping**

Strip of impervious, flexible sheet material covering a *roll joint*, welted to the edges of *roofing sheets* or fixed independently

5.3.11**holding down clip**

Clip to secure and join successive lengths of *capping*

5.3.12**apron eaves piece**

Continuous strip of metal, T-shaped in section, fixed to the *eaves* to secure metal *sheet roofing* and act as a *drip (1)*

5.3.13**lead capped dot**

Fixing for securing lead *sheet roofing* by means of screw and washer covered with a cap, lead-welded to the sheet

5.3.14**soldered dot**

Fixing, wiped with solder, for securing lead *sheet roofing* by means of screw and washer sunk into a depression formed in the surface

5.3.15**lead dot**

Fixing for securing lead *sheet roofing* to masonry, achieved by pouring molten lead through a dot into a dovetailed sinking in masonry

5.3.16**bale tack**

Fixing for securing lead *sheet roofing*, formed by means of a *tack* folded in with a tongue of the same width left projecting from the edge of the sheet

5.3.17**secret tack**

Tack soldered or lead- welded to the back of lead *sheet roofing* and passed through a slot cut in the substrate and secured on its inside

5.3.18**standing seam**

Joint in metal *sheet roofing* in which the adjoining edges are turned up perpendicular to the surface, welted together and left upstanding

5.3.19**double welt [clink]**

Joint in metal *sheet roofing*, formed by folding the edge of one sheet over the edge of another, folding again and pressing them down flat

5.3.20**clip [tie] [tingle]**

Narrow strip of metal used in *roll joints*, *standing seams* and *double tie Scotland welts* for securing *sheet roofing*

5.3.21**corner piece (2) [corner flashing]**

Small piece of zinc sheet fixed where a *drip* (2) abuts a vertical surface

5.3.22**roofing upstand**

Edge of *roofing felt* or *roofing sheet* turned up vertically against a wall

5.4 Bituminous roofing**5.4.01****bituminous roofing**

Roofing that contains bituminous materials

5.4.02**asphalt roofing**

Bituminous roofing that consists of two or more layers of asphalt applied in a molten state

5.4.03**fully bonded roofing**

Built-up felt roofing that has its first layer completely adhering to the supporting structure

5.4.04**partially bonded roofing**

Built-up felt roofing that has its first layer spot or strip bonded to the supporting structure

5.4.05**bitumen felt**

Fibre based sheet material saturated with bitumen

5.4.06**built-up felt roofing[built-up roofing]**

Roofing that consists of two or more layers of *bitumen felt* bonded together

5.4.07**fine granule surfaced [bitumen felt]**

Bitumen felt, the base of which is impregnated and/or coated with bitumen and surfaced on both sides with fine granular material

5.4.08**mineral granule surfaced [bitumen felt]**

Bitumen felt in which the base is impregnated and/or coated with bitumen, the upper surface being finished with coloured mineral granules and the under surface with fine granular material

5.4.09**perforated underlay [bitumen felt]**

Bitumen felt with perforations, used as an underlayer

5.4.10**metal foil faced bitumen felt**

Bitumen felt, the base of which is impregnated and/or coated with bitumen, the upper surface being finished with embossed metal foil bonded to it and the under surface with fine granular material

5.4.11**asbestos base bitumen felt**

Bitumen felt, the base of which consists mainly of asbestos fibres

5.4.12**glass fibre base bitumen felt**

Bitumen felt, the base of which consists mainly of glass fibres

5.4.13**glass/polyester base [bitumen felt]**

Bitumen felt, the base of which consists mainly of glass and polyester fibres

5.4.14**polyester base felt roofing**

Built-up felt roofing, the base of which consists mainly of polyester with standard roofing bitumens or with polymer modified bitumen coating, surfaced with fine granules, mineral granules, or metal

5.4.15**calendered polymeric roofing**

Bituminous roofing, that consists mainly of layers of bitumen or pitch extended polymers, with random fibre reinforcement and self-finished surface

5.4.16**cap sheet**

Top layer in a number of layers of *roofing sheet*

5.4.17**chipping compound**

Bituminous or other material applied hot or cold on the top layer of *roofing felt* to receive stone chippings

5.4.18**strip slates**

Unit of *mineral granule surfaced bitumen felt*, shaped to resemble two or more *roofing slates* side by side so that, when fixed, they act in a manner similar to *roofing tiles*, *roofing slates* or *shingles*

5.4.19**lap cement**

Liquid or semi-liquid bitumen, applied cold, used to seal overlapping joints of *bitumen roofing felt* in single layer work

5.4.20**roof surfacing**

Protective covering, such as stone chippings, tiles, applied to top of *bituminous roofing*

5.4.21**taping strip**

Strip of *bitumen felt* fixed over open joints between units of the supporting layer in a *roof* prior to laying *roofing felt*

5.4.22**tuck-in**

Edge of *bitumen felt*, *skirting* or *cover flashing* tucked into a chase

5.4.23**turn-up**

Portion of *bitumen felt* used as a *skirting*

5.4.24**mopping**

Applying hot *bonding compound* with mops or brushes

5.4.25**pouring and rolling**

Applying hot *bonding compound* by pouring in advance of the roll of *bitumen felt* when being laid

5.4.26**felt torching**

Using a blow torch to melt the coating of the underside of a roll of *bitumen felt* during laying

5.4.27**bonding compound**

Oxidized bitumen, applied hot, or other suitable bituminous compound used to bond one layer of *bitumen felt* to another or to the supporting structure

5.4.28**bitumen primer**

Solvent-based bitumen solution applied to a supporting structure to ensure adhesion of the *bonding compound*

5.4.29**welted drip**

Finish at eaves or *verges* formed by folding under a strip of *bitumen felt* to return on the *roof*

6 Thatch**6.0.01****thatch**

Roofing of reed, straw or heather

6.0.02**straw thatch**

Thatch of unbroken dried wheat, barley, rye or sedge stalks

6.0.03**reed thatch**

Thatch of reed stalks

6.0.04**best reed [Norfolk reed]**

Water reed (ARUNDO PHRAGMITES).

NOTE In the United Kingdom grown mainly in the Norfolk area

6.0.05**combed wheat reed [Devon reed]**

Unbroken wheat straw that has been machine combed to remove leaf and other foreign matter

6.0.06**sedge**

Long, coarse, serrated edged grass (CLADIUM MARISCUS) used to form a *ridge in best reed thatch*

6.0.07**mixed reed**

Combination of *best reed* and about 15 % lesser reed mace (TYPHA ANGUSTIFOLIA)

6.0.08**mixed stuff**

Combination of reed, usually *mixed reed*, and a portion of gladden (IRIS PSEUDACORUS or IRIS FOETIDISSIMA)

6.0.09**saddle (1)**

Long straw laid over a *ridge* and secured with *liggers and brotches*

6.0.10**skirt**

Area of *thatch* under a chimney or dormer or at a *ridge* that requires fixing with *liggers and brotches*

6.0.11**sway**

Long rod of hazel, willow or steel that secures a *thatch course* of reed and is fixed to the rafters by tarred cord or iron hooks

6.0.12**thatch bed [stulch]**

Strip of *thatch*, twice the width of a ladder, extending from *ridge* to eaves, laid as work proceeds

6.0.13**brotch [spar] [staple]**

Split hazel or willow sapling about 600 mm long, usually triangular in section, pointed at both ends and bent through 180°, used for securing new thatch to old or for securing *liggers* whilst forming a *ridge*

6.0.14**thatch coat**

Layer of *thatch* that covers a whole *roof*

6.0.15**thatch course**

Strip of *thatch* laid horizontally along a *roof*

6.0.16**crook**

Steel nail, varying in length from 175 mm to 300 mm, used for securing reed

6.0.17**cross spar [pattern spar]**

Decorative *brotch* visible on the surface of a *ridge*

6.0.18**flaking**

Mat of woven reed fixed on top of rafters as a base for *thatch* in place of battens or boarding

6.0.19**ligger [ledger]**

Hazel or willow sapling 1500 mm long, pegged down to secure *thatch* and used for decoration

6.0.20**flush ridge**

Ridge of thatch, where a saddle (1) joins a thatch coat without visible junction, fixed by cross spars and liggers that form a pattern

7 Properties**7.0.01****fall**

Slope of a *flat roof* or gutter

7.0.02**pitch**

Inclination of a *roof* to the horizontal

7.0.03**gauge (1)**

Distance between the fixing of each successive *course* measured up a *roof* slope

7.0.04**cover width**

Width of the exposed face of an *interlocking tile* or *roofing sheet*

7.0.05**overall width**

Total of *cover widths* along a *roof*

7.0.06**daylight width**

Unobstructed width of translucent *roofing sheet* through which light is admitted

7.0.08**patina**

Thin, stable film of oxide or other metallic compounds forming on metal surfaces exposed to air.

7.0.09**temper**

Condition and necessary degree of hardness of metal sheet used in *roofing*

8 Roof joints and jointing products**8.1 Fillets****8.1.01****asphalt fillet**

Triangular strip of asphalt formed at internal angles as an independent operation

8.1.02**mortar fillet**

Triangular strip of mortar applied at abutments, *top edges*, under *verges* and in similar positions

8.1.03**tile fillet [tile listing]**

Mortar fillet covered with pieces of roofing tile

8.1.04**slate fillet**

Mortar fillet covered with roofing slate

8.1.05**tilting fillet [tilting piece]**

Strip, usually of wood, used at eaves or at *open valley* gutters to support *roofing* in the correct position

8.1.06**verge fillet**

Batten covering the top edge of a *gable* nailed to the ends of *roof* battens

8.2 Flashings**8.2.01****flashing**

Strip of impervious sheet material that protects a joint, usually from entry of rainwater

8.2.02**apron flashing**

Flashing used at junction of the upper edge of a *monopitch roof* or *flat roof* with a vertical surface: the top is sometimes tucked into a groove, the bottom lapped over the upper edge of the slope

8.2.03**cover flashing**

Flashing used to lap over *skirting* or *soakers*

8.2.04**raking flashing**

Cover flashing used at an inclined intersection, with its upper edge secured into a chase cut parallel to top surface of *roofing*

8.2.05**stepped flashing**

Cover flashing used at an inclined intersection, with its upper edge shaped to step up from course to course of masonry and secured into the horizontal joints

8.2.06**eaves flashing**

Flashing at lower edge of a *roof* dressed into an eaves gutter

8.2.07**drop apron**

Flashing fixed vertically at eaves, usually to a *flat roof*

8.2.08**saddle (2) [saddle piece] [saddle end]**

Piece of impervious flexible sheet material dressed to shape, fitted to provide weather protection

8.2.09**pipe flashing [lead slate]**

Flashing used where a pipe or other section passes through a wall or roofing; it comprises a base to course in with the *roofing* and a sleeve to enclose the section

8.2.10**abutment flashing**

Preformed *flashing* for use with *profiled sheets* or *interlocking tiles* at an abutment

8.2.11**head flashing**

Flashing used with *profiled sheets* over an opening

8.2.12**lintel filler**

Preformed *head flashing*

8.2.13**jamb filler**

Preformed *flashing* used with *profiled sheet* at the side of an opening

8.2.14**Z flashing [horizontal flashing piece] [seal flashing]**

Preformed *flashing* used where a lower edge of a vertical *roofing sheet* meets a wall

8.2.15**tack**

Narrow strip of metal that secures free edges of *roofing sheets*, *flashings*, etc

8.2.16**wedge**

Folded piece of metal sheet, used in a masonry chase to secure a *flashing*

8.3 Skirtings**8.3.01****skirting**

Portion of *roofing* turned up against a vertical surface

8.3.02**asphalt collar**

Skirting of asphalt around a pipe or other section passing through a *roof*

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