

**BRITISH STANDARD**

# **Building and civil engineering – Vocabulary –**

## **Part 11: Performance, characteristics, measurement and joints**

ICS 01.040.91; 91.010.30

**BSi**  
British Standards

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ISBN 978 0 580 50891 2

The following BSI references relate to the work on this standard:

Committee reference B/500

Draft for comment 07/30087614 DC

### **Publication history**

BS 2900 first published September 1957

BS 2900 second edition published February 1970

Section 1.5.1 first published in December 1984

Section 1.5.1 second edition published in February 1999

Section 1.5.2 published in October 1987

Section 1.5.3 published in August 1988

Section 1.7.1 published in February 1986

Section 1.7.2 published in February 1990

First published as Part 11 (combined revision of BS 2900 and Sections 1.5.1, 1.5.2, 1.5.3, 1.7.1 and 1.7.2) in July 2007.

### **Amendments issued since publication**

<b>Amd. no.</b>	<b>Date</b>	<b>Text affected</b>
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## Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, pages 1 to 17 and a back cover.

# Foreword

## Publishing information

This part of BS 6100 is published by BSI and came into effect on 31 July 2007. It was prepared by Technical Committee B/500, *Basic data*. A list of organizations represented on this committee can be obtained on request to its secretary.

## Supersession

This part of BS 6100 supersedes BS 6100-1.5.1:1999, BS 6100-1.5.2:1987, BS 6100-1.5.3:1988, BS 6100-1.7.1:1986 and BS 6100-1.7.2:1989, which are withdrawn.

## Relationship with other publications

BS 6100 consists of the following parts.

- *Part 0: Introduction and index.*
- *Part 1: General.*
- *Part 2: Spaces, building types, environment and physical planning.*
- *Part 3: Civil engineering – General.*
- *Part 4: Civil engineering – Transport.*
- *Part 5: Civil engineering – Water engineering, environmental engineering and pipelines.*
- *Part 6: Construction parts.*
- *Part 7: Services.*
- *Part 8: Work with timber and wood-based panels.*
- *Part 9: Work with concrete and plaster.*
- *Part 10: Contract terms.*
- *Part 11: Performance characteristics, measurement and joints.*
- *Part 12: Plant, equipment and persons.*

## Information about this document

BS 6100 has been completely restructured and compiled on different principles than previously. Consequently, this part of BS 6100 represents a full revision of the standard.

A general introduction to and explanation of the BS 6100 vocabulary is given in BS 6100-0, which provides an alphabetical index of all the terms in all parts of BS 6100. It is intended that individual parts of BS 6100 are used in conjunction with BS 6100-0 because they do not contain indexes themselves.

BS 6100-1 reproduces verbatim ISO 6707-1 and provides a vocabulary of general terms for the building and civil engineering industry. It is essential that individual parts of BS 6100 are read in conjunction with BS 6100-1.

BS 6100 does not repeat (or provide alternatives for) terms defined in other standards or in other parts of BS 6100. However, it does refer to where definitions can be found and includes a bibliography of all referenced standards.

### **Presentational conventions**

Details of the structure, layout and presentational conventions used in this part of BS 6100 are given in Clause 2.

### **Contractual and legal considerations**

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

**Compliance with a British Standard cannot confer immunity from legal obligations.**



# 1 Scope

This part of BS 6100 defines terms for performance, characteristics, measurement and joints.

## 2 Vocabulary structure

This part of BS 6100 does not contain its own index. Instead, a comprehensive index of terms is given in BS 6100-0. As a result, it is intended that this part of BS 6100 is used in conjunction with BS 6100-0.

The layout of this vocabulary is designed in accordance with ISO 10241 with terms arranged in a classified order and numbered in accordance with ISO 2145.

Each term has an individual number consisting of seven digits in two parts, the first of two digits, the second of five. Each number tells the following information about the term.

- a) The first two digits represent which part of BS 6100 the term belongs to.
- b) The third digit represents which group of terms it belongs to within the part.
- c) The fourth digit represents which subgroup of terms it belongs to within the group, as follows.
  - 1) Works
  - 2) Parts
  - 3) Materials
  - 4) Activities
  - 5) Processes
  - 6) Plant, equipment and documentation
  - 7) Properties
  - 8) Spaces
  - 9) Miscellaneous
- d) The fifth to seventh digits determine the location of the term within the subgroup.

Bold words within a definition indicate terms that are defined elsewhere in this part of BS 6100, other parts of BS 6100 or other standards. Reference to where the term is defined is given in parenthesis after the bold word.

*NOTE 1* References to terms defined in BS 6100-1 are shown giving only the part number, e.g. (01); references to terms defined in all other parts of BS 6100 are shown using their full reference number, e.g. (07 59005).

*NOTE 2* Where more than one definition source could be referred to, the reference containing the definition of most general applicability is given.

Alternative terms are given in medium type below preferred terms which are given in bold type. All alternative terms have the status of being deprecated. Abbreviations are given in bold type below the terms to which they relate.

In the vocabulary, terms of more than one word are written in their natural word order, e.g. pedestal elbow, and the word order is not inverted, e.g. elbow, pedestal. However, inverted forms of a term are included in the index in BS 6100-0.

Terms are only given in the singular form, even when the plural form is more common (unless the term is only found in the plural form).

### 3 Performance (11 1xxxx)

#### 3.1 Parts (11 12xxx)

- 11 12001 **specimen**  
representative single item or measured quantity of **material** (01)
- 11 12002 **prototype**  
item produced for purposes of **assessment** (11 14001) prior to final production

#### 3.2 Activities (11 14xxx)

- 11 14001 **assessment**  
**verification** (01) of the suitability of an item for a specific use
- 11 14002 **inspection**  
examination against **specification** (10 26012)
- 11 14003 **rejection**  
refusal to take an item as offered
- 11 14007 **seal**  
place appropriate **products** (01) in a **joint** (01) to prevent penetration of moisture or passage of air between **building elements** (01), **components** (01) and **assemblies** (01)
- 11 14008 **acceptance**  
agreement to take an item as offered
- 11 14009 **final inspection**  
last **inspection** (11 14002) before delivery or **acceptance** (11 14008)
- 11 14010 **test**  
critical trial of one or more **properties** (01)
- 11 14011 **accelerated test**  
**test** (11 14010) devised to shorten time of response of an item to **actions** (01)
- 11 14012 **type test**  
**test** (11 14010) for approval of a new **product** (01) and/or fundamental change in formulation or method of manufacture, or both

*NOTE The test (11 14010) is performed on the delivered product (01) and is not to be taken as evidence of conformity to specification (10 26012) of products (01) subsequently produced in quantity.*



- 11 14013 performance test**  
test (11 14010) giving data on **actual performance** (11 17001)
- 3.3 Plant, equipment and documentation (11 16xxx)**
- 11 16002 failure mode**  
effect of action (BS ISO 15686-1) bringing about **failure** (11 17012)
- 11 16003 agent**  
whatever acts on a **building** (01), **structure** (01) or its parts
- 3.4 Properties (11 17xxx)**
- 11 17001 actual performance**  
performance (01) as **measured** (01)
- 11 17002 variable**  
value on a continuous scale
- 11 17007 performance deviation**  
amount by which **actual performance** (11 17001) exceeds or falls short of **performance requirement** (01)
- 11 17009 performance defect**  
unacceptable non-compliance with a **performance requirement** (01)
- 11 17010 compliance**  
achievement of requirements
- 11 17011 type approval**  
commendation of an item, where **type tests** (11 14012) are used for **verification** (01)
- 11 17012 failure**  
state or fact of being unable to perform a specified function
- 4 Characteristics (11 2xxxx)**
- 4.1 Properties (11 27xxx)**
- 11 27001 mass**  
quantity of matter in a body
- 11 27002 weight**  
**force** (01) equivalent to the product of **mass** (11 27001) and acceleration due to gravity
- 11 27003 composition**  
parts of which a **material** (01) or item is composed or made up
- 11 27004 shape**  
form or **profile** (01) of an object or a geometrical figure
- 11 27005 odorous**  
bearing and diffusing a smell or scent

- 11 27007 strength**  
ability to resist **forces** (01)
- 11 27008 characteristic strength**  
value of **strength** (11 27007) below which not more than a specific proportion of all possible **strength** (11 27007) **measurements** (01) of a **material** (01) are expected to fall
- 11 27009 impact strength**  
ability to resist **imposed loads** (01) that are applied suddenly
- 11 27010 strength in torsion**  
ability to resist contrary rotational **forces** (01)
- 11 27011 hardness**  
state or condition of resisting indentation, abrasion or penetration
- 11 27012 indentability**  
ability of a surface to be **deformed** (01) by impact of localized pressure
- 11 27013 penetrability**  
ability of a **material** (01) to be entered
- 11 27014 perforability**  
ability of a **material** (01) to be passed through
- 11 27015 abrasion resistance**  
ability of a surface to resist wear caused by friction
- 11 27016 frictional resistance**  
extent to which relative movement of two surfaces is prevented or restricted by contact between the surfaces
- 11 27017 resilience**  
**ability** (01) to recover or partly recover original **dimensions** (01) after **deformation** (01)
- 11 27018 expansibility**  
capacity for increasing in **size** (01)
- 11 27019 shrinkability**  
ability to decrease in **size** (01) due to **actions** (01) other than mechanical pressure
- 11 27020 compressibility**  
ability to decrease in **size** (01) due to mechanical pressure
- 11 27021 separability**  
ability to be parted, withdrawn or disconnected
- 11 27022 diffusivity**  
**ability** (01) to distribute a fluid or radiation passing through a **material** (01) in many directions
- 11 27023 earthquake resistance**  
ability to withstand **seismic action** (01)
- 11 27024 explosive**  
producing abrupt oxidation or decomposition reaction causing an increase in temperature or pressure, or in both simultaneously

- 11 27025 airtightness**  
state or condition of resisting the passage of air
- 11 27026 dust tightness**  
state or condition of resisting the entry of dust into a **space** (01), or its passage through a **construction** (01) or **component** (01)
- 11 27027 chemical reactivity**  
ability of a **material** (01) to react chemically with another
- 11 27028 flow resistance**  
ability of a **material** (01) to resist fluid **flow** (01)
- 11 27029 miscibility**  
ability of two or more liquids to mix to form a homogeneous **material** (01)
- 11 27030 emulsivity**  
ability of two liquids that are usually **immiscible** (11 27029) to be dispersed into each other, one being in the form of minute drops, to make an apparently homogeneous **material** (01)
- 11 27031 thixotropy**  
ability of a gel to become fluid when mechanically disturbed but to return to a jelly state when the disturbance ceases
- 11 27032 volatility**  
ability to change readily from a solid or liquid form to a vapour
- 11 27033 moisture content**  
ratio of the volume or **mass** (11 27001) of the quantity of water in a **material** (01) to the volume or **mass** (11 27001) of dry **material** (01)
- 11 27034 fluid transmission resistance**  
**measure** (01) of **permeance** (11 27049) calculated on the basis of the pressure differential required to produce unit rate of **flow** (01)
- 11 27035 wettability**  
ability of a liquid to make wet a solid
- 11 27036 waterproof**  
not penetrable by water
- 11 27037 water resistance**  
ability of a **material** (01) to resist penetration by or chemical reaction with water
- 11 27038 viscosity**  
internal resistance to **liquid flow** (BS EN ISO 772) possessed by a liquid
- 11 27039 fluidity**  
ability of a fluid to flow
- 11 27041 solubility**  
ability of a liquid to dissolve
- 11 27042 absorptivity**  
ability to take up a fluid by osmotic, chemical or **solvent** (BS EN 971-1) action

- 11 27043 water retentivity**  
ability to retain water
- 11 27044 humidity**  
**measure** (01) of the amount of water vapour present in the air
- 11 27045 saturation point**  
**measure** (01) of the maximum quantity of water vapour in unit quantity of air at a given temperature and pressure
- 11 27046 chemical resistance**  
ability to resist reaction with chemicals
- 11 27047 weather resistance**  
ability to resist day-to-day meteorological conditions affecting a specific place
- 11 27048 frost resistance**  
ability to resist the effects of temperatures below freezing point of water and the effects of freeze/thaw cycles
- 11 27049 permeance**  
**permeability** (01) per unit **thickness** (01)
- 11 27050 corrosion resistance**  
ability of a metal to resist progressive degradation or destruction caused by chemical or electro-chemical reaction with its **environment** (01)
- 11 27051 friability**  
ability of a solid to break down readily into small particles
- 11 27053 rough**  
having a **texture** (01) formed by projections or irregularities
- 11 27054 smooth**  
having a **texture** (01) relatively free from projections or irregularities
- 11 27056 dampness**  
**quality** (01) or condition of being slightly wet
- 11 27057 saturation**  
condition when all the **voids** (03 28003) in a **material** (01) are filled with liquid
- 11 27058 liquid repellance**  
ability of the surface of a solid to resist **coating** (01) by a liquid
- 11 27059 bulking factor**  
amount by which the volume of a **material** (01) increases as a result of its being disturbed
- 11 27060 infection resistance**  
ability to resist the establishment of **fungi** (BS 4261) or invasion by micro-organisms
- 11 27061 infestation resistance**  
ability to resist the establishment of **insect** (BS 4261) or other animal organisms

- 11 27062 insect excluding**  
excluding **insects** (BS 4261) above a stated **size** (01)
- 11 27063 vermin excluding**  
excluding noxious or objectionable creatures
- 11 27064 root excluding**  
excluding the **roots** (06 12079) of **plants** (06 12001)
- 11 27065 dermatitis causing**  
causing immune inflammation of the surface of the skin
- 11 27066 carcinogenic**  
capable of inducing cancer
- 11 27067 toxicity**  
potency of a **poisonous** (11 27068) substance
- 11 27068 poisonous**  
capable of causing illness or death when introduced into the body
- 11 27069 sterile**  
free from living organisms  
*NOTE The most common organisms are bacilli, bacteria or microbes.*
- 11 27070 insanitary**  
not healthy; likely to cause disease
- 11 27072 irritation causing**  
causing irritation of the skin, eyes or nasal passages
- 11 27073 rot resistance**  
ability to delay the onset of **rot** (BS 4261)
- 11 27074 pathogenic**  
able to cause or produce disease
- 11 27075 light output**  
quantity of **luminous flux** (01) emitted by a light source
- 11 27076 light transmittance**  
ratio of **luminous flux** (01) transmitted by a **material** (01) to incident **luminous flux** (01)
- 11 27077 light reflectance**  
ratio of **luminous flux** (01) reflected from a surface to incident **luminous flux** (01)
- 11 27078 colour rendering index**  
**measure** (01) of degree to which psychophysical **colour** (11 27079) of an object illuminated by a test illuminant conforms to that of the same object illuminated by a reference illuminant, allowance having been made for the state of chromatic adaptation
- 11 27079 colour**  
**attribute** (01) of a surface that is a result of its ability to emit, transmit or reflect specific wavelengths of light
- 11 27080 opacity**  
ability of a **material** (01) to restrict the transmission of light

- 11 27081 transparency**  
ability of a **material** (01) to allow transmission of light without diffusion
- 11 27082 light absorptivity**  
ability of a **material** (01) to absorb light
- 11 27083 light dispersivity**  
ability of a **material** (01) to disperse light by refraction or by interference with its wavelength
- 11 27084 light obscuration**  
ability of a **material** (01) to reduce **transparency** (11 27081)
- 11 27085 ultraviolet light resistance**  
ability of a **material** (01) to withstand the chemical **action** (01) of ultraviolet light
- 11 27086 light sensitivity**  
extent to which a **material** (01) or surface reacts to the incidence of light
- 11 27087 specular reflection**  
reflection without diffusion in accordance with the laws of optical reflection
- 11 27088 sound**  
mechanical vibration, propagated by an elastic medium, of such character as to be capable of exciting the sensation of hearing
- 11 27089 airborne sound**  
**sound** (11 27088) that propagates in air
- 11 27090 structure borne sound**  
**sound** (11 27088) that propagates through a **building element** (01)
- 11 27091 sound resistance**  
ability to prevent transmission of sound
- 11 27092 impact sound**  
**sound** (11 27088) generated when a **building element** (01) is struck
- 11 27093 sound absorption**  
absorption of **sound** (11 27088) **energy** (01)
- 11 27094 sound reflection**  
reflection of the **sound** (11 27088) **energy** (01) incident upon a surface
- 11 27095 sound reverberation**  
persistence of **sound** (11 27088) due to repeated **reflections** (11 27094) in an enclosure
- 11 27096 sound power**  
total **energy** (01) emitted by a **sound** (11 27088) source in unit time
- 11 27097 sound pressure**  
alternating component of the pressure at a point in a **sound** (11 27088) field

- 11 27098 sound pressure level**  
effective value of pressure fluctuations above and below atmospheric pressure caused by the passage of a **sound** (11 27088) wave
- 11 27099 sound attenuation**  
reduction in amplitude or intensity of **sound** (11 27088) waves by absorption or scattering
- 11 27100 sound energy flux**  
average rate of flow of **sound** (11 27088) **energy** (01) through a medium
- 11 27101 sound reduction index**  
**measure** (01) of **sound** (11 27088) transmission, based on the ratio of incident **sound power** (11 27096) to transmitted **sound power** (11 27096)
- 11 27102 sound propagation**  
wave process whereby **sound** (11 27088) **energy** (01) is transferred from one part of a medium to another
- 11 27103 loudness**  
intensity of **sound** (11 27088) as perceived by the human ear
- 11 27104 noise level**  
**measure** (01) of **loudness** (11 27103) that is disagreeable or undesired
- 11 27105 electric current**  
movement of electricity  
*NOTE Often described as a flow.*
- 11 27106 impedance**  
extent to which the flow of electric current (11 27105) at a given frequency is restricted
- 11 27107 electrical resistance**  
loss of electrical **energy** (01) passing through a medium, by being converted in the medium to another form
- 11 27108 admittance**  
reciprocal of **impedance** (11 27106)
- 11 27109 capacitance**  
ability of an arrangement of **conductors** (BS 4727-1:Group 01:1983) to store **electric** (07 17002) **energy** (01)
- 11 27110 electric resistivity**  
**electrical resistance** (11 27107) at unit **length** (01) and unit cross sectional area
- 11 27111 electric potential**  
work required to remove a unit negative charge from a point in an **electric** (07 17002) field to a zero reference point uninfluenced by any **electric** (07 17002) fields
- 11 27112 electric potential difference**  
difference of **electric potential** (11 27111) between two points in an **electric** (07 17002) field



- 11 27113 permittivity**  
measure (01) of the ability of a substance to transmit an electric (07 17002) field
- 11 27114 relative permittivity**  
ratio of the permittivity (11 27113) of a substance to permittivity (11 27113) in vacuo
- 11 27115 radiation resistance**  
ability of a material (01) to resist harmful radiation
- 11 27116 thermal capacity**  
ability of a material (01) or structure (01) to store heat and the rate at which its temperature will alter with change in temperature of adjacent air
- 11 27117 thermal transmission**  
passage of heat through a material (01) or structure (01)
- 11 27118 thermal transmittance**  
quantity of heat flowing through unit area of construction (01) in unit time per unit difference in temperature between the internal and external environments (01) in steady state conditions
- 11 27119 thermal emissivity**  
ratio of the thermal radiation from unit area of a surface to the radiation from unit area of a full emitter at the same temperature
- 11 27120 thermal reflectivity**  
ability of a surface to deflect and retransmit the thermal radiation falling on it
- 11 27121 thermal conductance**  
quantity of heat flowing in unit time between the inner and the outer surfaces of unit area of material (01) or construction (01), divided by the temperature difference between the hot and cold faces in steady state conditions  
*NOTE Resistances of the inner and outer surfaces are ignored.*
- 11 27122 thermal resistance**  
reciprocal of thermal conductance (11 27121)
- 11 27123 thermal conductivity**  
quantity of heat flowing in unit time in steady state conditions through a unit area of material (01) of unit thickness (01) for a unit temperature difference between faces
- 11 27124 thermal resistivity**  
reciprocal of thermal conductivity (11 27123)
- 11 27125 thermal absorptivity**  
ability to take up heat
- 11 27126 calorific value**  
number of heat units obtained by the complete combustion of unit mass (11 27001) of fuel (01)
- 11 27127 heat output**  
quantity of useful heat emitted from a heating appliance (01)



- 11 27128 warmth to touch**  
state, quality or sensation of feeling warm to skin in contact with unheated **material** (01)
- 11 27129 colour fastness**  
ability of an object or **material** (01) to retain its **colour** (11 27079)
- 11 27130 discoloration**  
alteration or loss of **colour** (11 27079)
- 11 27131 defective**  
having a lower **quality** (01) than required
- 11 27132 contamination**  
act or process of having an adverse affect on **quality** (01), or the state of being so affected
- 11 27133 compatibility**  
ability of a **material** (01) or **component** (01) of remaining in contact with another **material** (01) or **component** (01) without unfavourable physical or chemical interactions
- 11 27134 required life**  
specified **service life** (01)
- 11 27135 expected life**  
**service life** (01) predicted from recorded **performance** (01) or **accelerated tests** (11 14010)
- 11 27136 shelf life**  
time a **product** (01) can be stored prior to use, under prescribed conditions, without deterioration
- 11 27137 adhesion bonding** (01) of two surfaces, or one surface to another
- 11 27138 cohesion**  
act or condition of holding together individual constituents or parts
- 11 27139 modular**  
consisting of or resembling standard self-contained units or items
- 11 27140 workability**  
ease with which a plastic **material** (01) can be manipulated and shaped
- 11 27141 buildability**  
ease with which a **construction** (01) can be assembled
- 11 27142 repairability**  
possibility of restoring a **component** (01) or **construction** (01) to the state in which it can perform its required functions
- 11 27143 removability**  
ease with which a **component** (01) or **construction** (01) can be removed
- 11 27144 transportability**  
condition or quality of being able to be moved with the help of machinery

- 11 27145 dismantleability**  
condition or quality of being able to be dismantled and reassembled without damage
- 11 27146 manoeuvrability**  
ease with which a **component** (01) can be moved between other objects and placed in the required position
- 11 27147 portability**  
condition or quality of being able to be moved without the aid of machinery
- 11 27148 safety level**  
level of risk from fire, explosion, **pollution** (BS ISO 6107-2), accidents and other hazards
- 11 27149 vandal resistance**  
ability to withstand intentional disfigurement, damage or destruction by individuals
- 11 27150 availability**  
ability to be obtained or used when required
- 11 27151 stocked**  
held in store in anticipation of future demand
- 11 27152 standard**  
established as an exemplar by a recognized authority
- 11 27153 special**  
manufactured to meet a specific order
- 11 27154 setting time**  
period of time required for a liquid to change to a solid state
- 11 27155 format**  
work **dimensions** (01) of a **block** (01) or **flag** (04 12078) specified in order of overall **length** (01), overall **width** (01) and **thickness** (01) (excluding any spacer nibs)

## 5 Measurement (11 3xxxx)

### 5.1 Activities (11 34xxx)

- 11 34001 take off**  
**measure** (01) **construction work** (01) from **drawings** (01) or **schedules** (10 26009)
- 11 34002 site measurement**  
**measure** (01) **construction work** (01) on **site** (01)
- 11 34003 abstract**  
prepare a **bill of quantities** (01) or **final account** (10 56007) bringing together like items in a **schedule** (10 26009) and totalling them  
cf. **abstract** (36009)

- 11 34004 cut and shuffle**  
prepare a **bill of quantities** (01) or **final account** (10 56007) using sheets of perforated paper on which **bill item descriptions** (11 36005) and **dimensions** (11 36010) are entered, and subsequently separated, sorted and merged
- 11 34005 square**  
calculate **bill items** (11 36002) from **dimensions** (11 36010)
- 11 34006 direct bill**  
draft a **bill of quantities** (01) directly from **dimensions** (11 36010)
- 11 34007 lineal measurement**  
**measurement** (01) by **length** (01)
- 11 34008 superficial measurement**  
**measurement** (01) by area
- 11 34009 cubic measurement**  
**measurement** (01) by volume

## 5.2 Plant, equipment and documentation (11 36xxx)

- 11 36001 method of measurement for construction**  
set of rules and principles for the **classification** (01), description and **measurement** (01) of **construction work** (01)
- 11 36002 bill item**  
item of **construction work** (01) in a **bill of quantities** (01) against which a **contractor** (12 96044) states their rate or **price** (10 57007)
- 11 36003 spot item**  
**bill item** (11 36002) for demolition, **alteration** (01) or an **extension** (01)
- 11 36004 rogue item**  
**bill item** (11 36002) derived from a non-standard **bill item description** (11 36005)
- 11 36005 bill item description**  
verbal part of a **bill item** (11 36002)
- 11 36007 rogue code**  
code assigned to a **rogue item** (11 36004)
- 11 36008 rogue statement**  
**rogue item** (11 36004) that has been recorded but to which a **rogue code** (11 36007) has not been assigned
- 11 36009 abstract**  
document that contains the results of **abstracting** (11 34003)  
cf. **abstract** (11 34003)
- 11 36010 dimensions**  
results of **taking off** (11 34001)

- 11 36011 library of descriptions**  
list of **bill item descriptions** (11 36005) from which a selection can be made for a **bill of quantities** (01)
- 11 36012 phrase library**  
list of phrases that can be combined to form **bill item descriptions** (11 36005)
- 11 36013 library code**  
code for a **bill item description** (11 36005) or phrase from a **phrase library** (11 36012)
- 11 36014 collection of prices**  
sum of **prices** (10 57007) in a section of a **bill of quantities** (01)
- 11 36015 bill summary**  
summary of **collections of prices** (11 36014)
- 11 36016 main bill summary**  
summary of **bill summaries** (11 36015) for a single **contract** (10 46009)

### 5.3 Properties (11 37xxx)

- 11 37001 provisional quantities**  
**bill item** (11 36002) quantities that are of uncertain extent

## 6 Joints (11 4xxxx)

### 6.1 Parts (11 42xxx)

- 11 42001 lap joint**  
**joint** (01) formed from overlapping **components** (01)
- 11 42002 double lap joint**  
**lap joint** (11 42001) in which one **component** (01) is overlapped by two others
- 11 42003 sealed lap joint**  
**lap joint** (11 42001) made by overlapping two **sheets** (01) and sealing them together to form an impervious **joint** (01)
- 11 42004 movement joint**  
**joint** (01) that permits relative movement between adjacent parts
- 11 42006 flexible joint**  
**pipe** (01) **joint** (01) that provides appreciable angular **deflection** (03 15001) and axial movement in service without the efficiency of the **joint** (01) being impaired
- 11 42007 rigid joint**  
**joint** (01) capable of providing restraint against appreciable angular **deflection** (03 15001) or axial movement in service

- 11 42008 hinged joint**  
**joint** (01) at which **components** (01) can be assumed to rotate sufficiently to eliminate all bending **effects of actions** (ISO 8930) at the **joint** (01)
- 11 42009 pin joint**  
**hinged joint** (11 42008) that permits free rotation in one plane
- 11 42010 sliding joint**  
**joint** (01) that permits relative movement in the plane of a **joint** (01)
- 11 42011 collar joint**  
**joint** (01) between two **pipes** (01) or round **bars** (01) in which the ends of each fit into a short length of **tube** (01)
- 11 42012 slip joint**  
**joint** (01) in which the end of one **duct** (01) **component** (01) slides relative to the end of the other
- 11 42013 construction joint**  
**joint** (1) that is formed when **construction work** (01) has to be interrupted  
*NOTE Examples are **construction work** (01) in **concrete** (01) and **asphalt** (01).*
- 11 42014 rebated joint**  
**joint** (01) formed with a step-shaped **joint profile** (ISO 2444)
- 11 42015 open joint**  
**joint** (01) between two **components** (01) in which a gap is designed to be left open  
*NOTE The gap may be bridged by a baffle.*
- 11 42016 filled joint**  
**joint** (01) in which a **jointing product** (01) fills the gap between adjacent **components** (01)
- 11 42017 tongue and groove joint**  
**joint** (01) formed by a projection along the edge of one **component** (01) that fits into a groove along the edge of another **component** (01)
- 11 42018 close contact joint**  
**joint** (01) with a very thin **bond line** (BS EN 923) achieved by bringing the surfaces to be joined together in immediate contact  
*NOTE Pressure may be applied.*
- 11 42019 breaking joint**  
vertical **joint** (01) in a **course** (06 32060) that is out of alignment with **joints** (01) in the **courses** (06 32060) above or below
- 11 42020 gib and cotter joint**  
**joint** (01) formed with a steel strap drawn tightly into position by means of steel clips and **wedges** (06 32230)
- 11 42021 isolating joint**  
**joint** (01) that provides discontinuity

- 11 42023 compression joint**  
**joint** (01) that accommodates partial closure resulting from vertical **compression** (01) of a **structure** (01) relative to **cladding** (01)
- 11 42024 testing joint**  
**joint** (01) in a lightning **conductor** (BS 4727-1:Group 01:1983) that allows **electrical resistance** (11 27107) or continuity **measurements** (01) to be made
- 11 42026 interlocking joint**  
**joint** (01) formed by **interlocking** (11 14006) the **components** (01)
- 11 42027 sealing groove**  
**rebate** (08 32123) at a **movement joint** (11 42004) to contain a **sealant** (01)

## 6.2 Activities (11 44xxx)

- 11 44001 position**  
locate **components** (01) and their jointing **products** (01) in relation to the **joint reference plane** (ISO 2444)
- 11 44004 connect**  
**fixing** (01) by means of a **jointing section** (01) or **jointing component** (01) relying on friction
- 11 44005 fasten**  
**fixing** (01) by means of a **jointing material** (01) that relies on **shape** (11 27004)
- 11 44006 interlock**  
**fixing** (01) by means of a **profile** (01) in one **component** (01) that fits a matching profile in another **component** (01) without the need for a **jointing product** (01)

## 6.3 Properties (11 47xxx)

- 11 47001 standard deviation**  
square root of the variance of a **sample** (01)

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