

# Kitemark™ Certificate

This is to certify that:

Aliaxis UK Limited  
Dickley Lane  
Maidstone  
Kent  
ME17 2DE  
United Kingdom

Holds Certificate Number:

KM 05495

In respect of:

**BS 4660 / BS EN 1401-1**  
**Plastic piping systems for non-pressure underground drainage**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

First Issued: 2024-01-23

Effective Date: 2024-01-23

Latest Issue: 2024-01-23

Expiry Date: 2026-09-12



# Kitemark™ Certificate

No. KM 05495

**BS EN 1401-1: 2019+A1:2023 - Plastic piping systems for non-pressure underground drainage and sewerage - Unplasticized poly(vinyl chloride) (PVC-U). Part 1: Specifications for pipes, fittings and the system.**

The scope of this Certificate covers the following products.



## Pipes

Nominal size	Description
110mm	Plain ended pipe in various lengths
110mm	Socketed pipe in various lengths
160mm	Plain ended pipe in various lengths
160mm	Socketed pipe in various lengths

## Fittings

Nominal size	Description	Product Code
110mm	Coupling Double Ring Seal	UE406
110mm	Coupling Double Ring Seal - Slip	UE405
110mm	Loose Pipe Socket Cement/Ring Seal	UE400
110mm	45° Short Radius Bend Socket/Spigot	UB45
110mm	30° Short Radius Bend Socket/Spigot	UB430
110mm	87.5° Short Radius Bend Socket/Spigot	UB41
110mm	30° Short Radius Bend Socket/Socket	UB4300
110mm	20° Bend	UB420
110mm	10° Bend	UB410
110mm	87.5° Short Radius Bend	UB411

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To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

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## Fittings (Continued)

Nominal size	Description	Product Code
110mm	45° Short Radius Bend	UB455
110mm	10° Bend Double Socket	UB4100
110mm	20° Bend Double Socket	UB4200
110mm	21-90° Adjustable Bend Socket/Spigot	UB47
110mm	87.5° Long Radius Bend Double Socket	UBL488
110mm	Long Radius Bend all Socket Non-Footed	UBL42
110mm	87.5° Equal Branch Spigot Tail	UY401
110mm	45° Equal Branch Socket/Spigot	UY46
110mm	87.5° Equal Branch	UY400
160mm	Socket/Spigot Equal Branch	UY601
160mm	Straight Coupling	UME15C
160mm	Slip Coupling	UME16C
160mm	45° 160 x 110mm All Socket Unequal Branch	UMY10C
160mm	87.5° 160 x 110mm All Socket Unequal Branch	UMY12C
160mm	87.5° All Socket Equal Branch	UMY13C
160mm	45° All Socket Equal Branch	UMY11C
160mm	45° Triple Socket Junction	UY466
160mm	Loose Pipe Coupling Cement/Ring Seal	UE600
160mm	87.5° Short Radius Bend Socket/Spigot	UFB61
160mm	45° Short Radius Bend Socket/Spigot	UFB65
160mm	30° Short Radius Bend Socket/Spigot	UB69
160mm	15° Short Radius Bend Socket/Spigot	UB68
160mm	15-90° Adjustable Bend Socket/Spigot	UB67
160mm	45° Equal Branch Socket/Spigot	UY63
160mm	87.5° 160 x 110mm Socket/Spigot Unequal Branch	UY64

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# Kitemark™ Certificate

No. KM 05495

**BS 4660: 2022 - Thermoplastics ancillary fittings of nominal sizes 110 and 160 for below ground gravity drainage and sewerage**



**The scope of this Certificate covers the following products.**

## Fittings

Nominal size	Description	Product Code
160mm	45° 160mm-110mm Unequal Branch Socket/Spigot	UY66
160mm	level Invert Reducer 160mm Spigot to 100mm Socket	URM604
110mm	87.5° Short Radius Access Bend	UB42
110mm	5-30° Mech Adjustable Bend	UB47M
110mm	45° Angle Rodding Point	URP1
110mm	Slipper Bend Left Hand	USB41
110mm	Slipper Bend Right Hand	USB42
110mm	87.5° Long Radius Open Channel Bend	UCB48L
110mm	1.5m Open Channel	UCC4
110mm	Level Invert Reducer 110mm spigot to 82.4mm Socket	URM304
110mm	P Trap Gully	UG42
110mm	Gully Trap Base	UG44
110mm	Gully Plate	UG49
110mm	Bottle Gully	UG50
110mm	Bottle Gully with black inlet plugged	UG50D
110mm	Bottle Gully with sealed cover	UG50DS
110mm	Circular Top Bottle Gully	UG54
110mm	Sealed Gully Access	UG55SA
110mm	Socket Plug	UE40
110mm	Plug and Cap	UE42
160mm	Socket Plug	UE60
160mm	Plug and Cap	UE62

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A member of BSI Group of Companies.

# Kitemark™ Certificate

No. KM 05495

**BS EN 1401-1: 2019+A1:2023 - Plastic piping systems for non-pressure underground drainage and sewerage - Unplasticized poly(vinyl chloride) (PVC-U). Part 1: Specifications for pipes, fittings and the system.**

The scope of this Certificate covers the following products.



## Pipes

Nominal size	Description
110mm	Plain ended pipe in various lengths
110mm	Socketed pipe in various lengths
160mm	Plain ended pipe in various lengths
160mm	Socketed pipe in various lengths

## Fittings

Nominal size	Description	Product Code
110mm	Coupling Double Ring Seal	DS211
110mm	Coupling Double Ring Seal - Slip	DS212
110mm	Loose Pipe Socket Cement/Ring Seal	DS208
110mm	45° Short Radius Bend Socket/Spigot	DS331
110mm	30° Short Radius Bend Socket/Spigot	DS318
110mm	87.5° Short Radius Bend Socket/Spigot	DS322
110mm	30° Short Radius Bend Socket/Socket	DS675
110mm	20° Bend	DS696
110mm	10° Bend	DS697
110mm	87.5° Short Radius Bend	DS671
110mm	45° Short Radius Bend	DS676

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## Fittings (Continued)

Nominal size	Description	Product Code
110mm	10° Bend Double Socket	DS673
110mm	20° Bend Double Socket	DS674
110mm	87.5° Long Radius Bend Double Socket	DS663
110mm	Long Radius bend all Socket Non-Footed	DS554
110mm	87.5° Equal Branch Spigot Tail	DS269
110mm	45° Equal Branch Socket/Spigot	DS278
100mm	45° Triple Socket Junction	DS678
110mm	87.5° All Socket Equal Branch	DS672
110mm	Socket Plug	DS214
160mm	Straight Coupling	DS409
160mm	Slip Coupling	DS410
160mm	Loose Pipe Coupling Cement/Ring Seal	DS406
160mm	87.5° Short Radius Bend Socket/Spigot	DS403
160mm	45° Short Radius Bend Socket/Spigot	DS404
160mm	Socket/Spigot Equal Branch	DS427
160mm	45° All Socket Equal Branch	DS428
160mm	45° Equal Branch Socket/Spigot	DS430
160mm	45° 160 x 110mm All Socket Unequal Branch	DS470
160mm	45° 160mm-110mm Unequal Branch Socket/Spigot	DS471
160mm	Socket Plug	DS411

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# Kitemark™ Certificate

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**BS 4660: 2023 - Thermoplastics ancillary fittings of nominal sizes 110 and 160 for below ground gravity drainage and sewerage**

**The scope of this Certificate covers the following products.**



## Fittings

Nominal size	Description	Product Code
110mm	87.5° Short Radius Access Bend	DS326
110mm	5-30° Mech Adjustable Bend	DS329
110mm	45° Angle Rodding Point	DS670
110mm	Slipper Bend Left Hand	DS561
110mm	Slipper Bend Right Hand	DS563
110mm	87.5° Long Radius Open Channel Bend	DS566
110mm	1.5m Open Channel	DS559
110mm	Inspection Pipe	DS309
110mm	Level Invert Reducer 110mm spigot to 82.4mm Socket	DS633
110mm	P Trap Gully	DS001
110mm	Gully Trap Base	DS012
110mm	Gully Plate	DS011
110mm	Bottle Gully Square Top	DS054
110mm	Bottle Gully with black inlet plugged	DS049
110mm	Bottle Gully Raising Piece	DS048
110mm	Sealed Gully Access	DS047
110mm	Circular top Bottle Gully	DS046
110mm	Square Hopper Spigot Tail	DS002
110mm	Sealed Cover Plate 150mm x 150mm	DS022
110mm	Sealed Back Plate 150mm x 250mm	DS010
110mm	Square Gully Hopper	DS003
110mm	Back Inlet Hopper with Spigot Tail	DS006

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## Fittings (Continued)

Nominal size	Description	Product Code
110mm	Rect Gully Hopper	DS007
110mm	Plug and Cap	DS246
160mm	Plug and Cap	DS421
160mm	Open Channel	DS560

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