

## Kitemark™ Certificate

This is to certify that:

Hepworth PME (LLC)  
Plot # 598-1105  
Dubai Investment Park  
PO Box 2345  
Dubai  
United Arab Emirates

Holds Certificate Number:

KM 641268

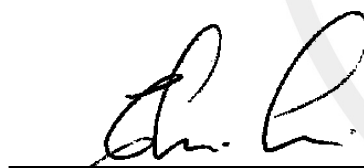
In respect of:

**BS EN 1329-1****Plastic piping systems for soil and waste discharge (low and high temperature) within the building structure - unplasticized poly(vinyl chloride) (PVC-U)**

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:



Chris Lewis - Certification Director, Product Certification

First Issued: 2017-03-13

Latest Issue: 2020-12-04

Effective Date: 2020-12-04

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# Kitemark™ Certificate

No. KM 641268

**BS EN 1329-1:2014+A1:2018**

**Plastic piping systems for soil and waste discharge (low and high Temperature) within the building structure – Unplasticized poly (vinyl chloride) (PVC-U).**

**Part 1: Specifications for pipes, fittings and the system**

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

***Dacta***

## Lead free pipes

Nominal sizes mm DN/OD	Product Description
82	U-PVC soil & waste plain end pipe – application area BD U-PVC soil & waste ringseal pipe – application area BD U-PVC soil & waste solvent cement pipe – application area BD
110	U-PVC soil & waste plain end pipe – application area BD U-PVC soil & waste ringseal pipe – application area BD U-PVC soil & waste solvent cement pipe – application area BD
160	U-PVC soil & waste plain end pipe – application area B and BD U-PVC soil & waste ringseal pipe – application area B and BD U-PVC soil & waste solvent cement pipe – application area B and BD
200	U-PVC soil & waste plain end pipe – application area BD U-PVC soil & waste ringseal pipe – application area BD U-PVC soil & waste solvent cement pipe – application area BD
250	U-PVC soil & waste plain end pipe – application area BD U-PVC soil & waste ringseal pipe – application area BD U-PVC soil & waste solvent cement pipe – application area BD
315	U-PVC soil & waste plain end pipe – application area BD U-PVC soil & waste ringseal pipe – application area BD U-PVC soil & waste solvent cement pipe – application area BD

**Note:** Lead free CaZn pipe.

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**Part 1: Specifications for pipes, fittings and the system**

***Dacta***

## Lead based pipes

Nominal sizes mm DN/OD	Product Description
82	U-PVC soil & waste plain end pipe – application area BD U-PVC soil & waste ringseal pipe – application area BD U-PVC soil & waste solvent cement pipe – application area BD
110	U-PVC soil & waste plain end pipe – application area BD U-PVC soil & waste ringseal pipe – application area BD U-PVC soil & waste solvent cement pipe – application area BD
160	U-PVC soil & waste plain end pipe – application area B and BD U-PVC soil & waste ringseal pipe – application area B and BD U-PVC soil & waste solvent cement pipe – application area B and BD
200	U-PVC soil & waste plain end pipe – application area BD U-PVC soil & waste ringseal pipe – application area BD U-PVC soil & waste solvent cement pipe – application area BD
250	U-PVC soil & waste plain end pipe – application area BD U-PVC soil & waste ringseal pipe – application area BD U-PVC soil & waste solvent cement pipe – application area BD
315	U-PVC soil & waste plain end pipe – application area BD U-PVC soil & waste ringseal pipe – application area BD U-PVC soil & waste solvent cement pipe – application area BD

**Note:** Lead based pipe.

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**Part 1: Specifications for pipes, fittings and the system**

***Dacta***

## Lead based fittings

S. No.	Product Name	Soil Code
1	Elbow 110/45° g x s	S15
2	Elbow 110/45° g x s	S15B
3	Elbow 110/87.5° swept g x s	S12
4	Elbow 110/87.5° swept g x s	S12B
5	Branch 160/110/87.5° swept g x s	S24/6"x4"
6	Branch 160/110/87.5° swept g x g	S24B/6"x4"
7	Branch 110/110/87.5° swept g x s	S24
8	Branch 110/110/87.5° swept g x g	S24B
9	Double & repair socket 110mm	S1
10	Double & repair socket 160mm	S1/6"
11	Glue on socket 160mm	S2/6"
12	Glue on socket 110mm	S2
13	Branch 110/110/45° g x g	S27B
14	Branch 110/110/45° g x s	S27
15	Reducer 110mm/82mm	S94

Note on Abbv.	G-groove (rubber ring) socket and S-Spigot
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Note: Alternative material details as below:

EMVIN FINO 204 L GRAY – supplied by Intergulf Limited, Polyvenyl Components Branch, UAE

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**Part 1: Specifications for pipes, fittings and the system**

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## Lead free fittings

S. No.	Product Name	Soil Code
1	Elbow 110/45° g x s	S15
2	Elbow 110/45° g x s	S15B
3	Elbow 110/87.5° swept g x s	S12
4	Elbow 110/87.5° swept g x s	S12B
5	Branch 160/110/87.5° swept g x s	S24/6"x4"
6	Branch 160/110/87.5° swept g x g	S24B/6"x4"
7	Branch 110/110/87.5° swept g x s	S24
8	Branch 110/110/87.5° swept g x g	S24B
9	Double & repair socket 110mm	S1
10	Double & repair socket 160mm	S1/6"
11	Glue on socket 160mm	S2/6"
12	Glue on socket 110mm	S2
13	Branch 110/110/45° g x g	S27B
14	Branch 110/110/45° g x s	S27
15	Reducer 110mm/82mm	S94

Note on Abbrv.	G-groove (rubber ring) socket and S-Spigot
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Note: Alternative Lead free material details as below:

EMVIN FINO 600 L GRAY – supplied by Intergulf Limited, Polyvenyl Components Branch, UAE

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**Part 1: Specifications for pipes, fittings and the system**

***Dacta***

**Solvent cement fittings – Note: All fittings are application area B**

S. No.	Product Name
1	U-PVC Soil Double Socket SXS 82mm
2	U-PVC Soil Bend 45° SXS 82mm
3	U-PVC Soil Access Pipe SXS 82mm
4	U-PVC Soil SGL UNEQ Branch 87.5° SXSXS 3" x 2" (82 x 56mm)
5	U-PVC Soil Level Invert Reducer SPXS 110 x 82mm
6	U-PVC Soil 'Y' Branch 45° SXSXS 82mm
7	U-PVC Soil Elbow 87.5° SXS 82mm
8	U-PVC Soil Tee 87.5° SXSXS 82mm
9	U-PVC Soil Level Invert Reducer SPXS 3" x 2" (82 x 56mm)
10	U-PVC Soil Bend 45° SXS 110mm
11	U-PVC Soil Access Tee SXSXS 110mm
12	U-PVC Soil Double Socket SXS 110mm
13	U-PVC Soil Tee 87.5° SXSXS 110mm
14	U-PVC Soil Access Pipe SXS 110mm
15	U-PVC Soil SGL UNEQ Branch 87.5° SXSXS 4" x 2" (110 x 56mm)
16	U-PVC Soil Level Invert Reducer SPXS 160mm x 110mm

**Lead based fittings**

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**Part 1: Specifications for pipes, fittings and the system**

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**Solvent cement fittings – Note: All fittings are application area B**

S. No.	Product Name
17	U-PVC Soil Elbow 87.5° SXS 110mm
18	U-PVC Soil 'Y' Branch 45° SXSXS 110mm
19	U-PVC Soil Double 'Y' Branch 45° SXSXSXS 110mm
20	U-PVC Soil Cross Tee 87.5° SXSXSXS 110mm
21	U-PVC Soil UNEQ 'Y' Branch SXSXS 160mm x 110mm
22	U-PVC Soil Cross Tee 87.5° SXSXSXS 160mm x 110mm
23	U-PVC Soil UNEQ Tee 87.5° SXSXS 160mm x 110mm
24	U-PVC Soil 'Y' Branch 45° SXSXS 160mm
25	U-PVC Soil Bend 45° SXS 160mm
26	U-PVC Soil Access Pipe SXS 160mm
27	U-PVC Soil Double Socket SXS 160mm
28	U-PVC Soil Elbow 87.5° SXS 160mm
29	U-PVC Soil Tee 87.5° SXSXS 160mm
30	U-PVC Soil Reducer SPXS 200mm x 160mm
31	U-PVC Soil UNEQ Branch 45° SXSXS 200mm x 160mm
32	U-PVC Soil Bend 45° SXS 200mm

## Lead based fittings

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**Solvent cement fittings – Note: All fittings are application area B**

S. No.	Product Name
33	U-PVC Soil Double Socket SXS 200mm
34	U-PVC Soil Tee 87.5° SXSXS 200mm
35	U-PVC Soil 'Y' Branch 45° SXSXS 200mm
36	U-PVC Soil Access Pipe SXS 200mm
37	U-PVC Soil Elbow 87.5° SXS 200mm

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**Solvent cement fittings – Note: All fittings are application area B**

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1	U-PVC Soil Double Socket SXS 82mm
2	U-PVC Soil Bend 45° SXS 82mm
3	U-PVC Soil Access Pipe SXS 82mm
4	U-PVC Soil SGL UNEQ Branch 87.5° SXSXS 3" x 2" (82 x 56mm)
5	U-PVC Soil Level Invert Reducer SPXS 110 x 82mm
6	U-PVC Soil 'Y' Branch 45° SXSXS 82mm
7	U-PVC Soil Elbow 87.5° SXS 82mm
8	U-PVC Soil Tee 87.5° SXSXS 82mm
9	U-PVC Soil Level Invert Reducer SPXS 3" x 2" (82 x 56mm)
10	U-PVC Soil Bend 45° SXS 110mm
11	U-PVC Soil Access Tee SXSXS 110mm
12	U-PVC Soil Double Socket SXS 110mm
13	U-PVC Soil Tee 87.5° SXSXS 110mm
14	U-PVC Soil Access Pipe SXS 110mm
15	U-PVC Soil SGL UNEQ Branch 87.5° SXSXS 4" x 2" (110 x 56mm)
16	U-PVC Soil Level Invert Reducer SPXS 160mm x 110mm

**Lead free fittings**

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18	U-PVC Soil 'Y' Branch 45° SXSXS 110mm
19	U-PVC Soil Double 'Y' Branch 45° SXSXSXS 110mm
20	U-PVC Soil Cross Tee 87.5° SXSXSXS 110mm
21	U-PVC Soil UNEQ 'Y' Branch SXSXS 160mm x 110mm
22	U-PVC Soil Cross Tee 87.5° SXSXSXS 160mm x 110mm
23	U-PVC Soil UNEQ Tee 87.5° SXSXS 160mm x 110mm
24	U-PVC Soil 'Y' Branch 45° SXSXS 160mm
25	U-PVC Soil Bend 45° SXS 160mm
26	U-PVC Soil Access Pipe SXS 160mm
27	U-PVC Soil Double Socket SXS 160mm
28	U-PVC Soil Elbow 87.5° SXS 160mm
29	U-PVC Soil Tee 87.5° SXSXS 160mm
30	U-PVC Soil Reducer SPXS 200mm x 160mm
31	U-PVC Soil UNEQ Branch 45° SXSXS 200mm x 160mm
32	U-PVC Soil Bend 45° SXS 200mm

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**Solvent cement fittings – Note: All fittings are application area B**

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