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| MAY 1998 | | |



Multikwik

making

the

right

connections



PAN SPIGOT & SOIL PIPE SIZES

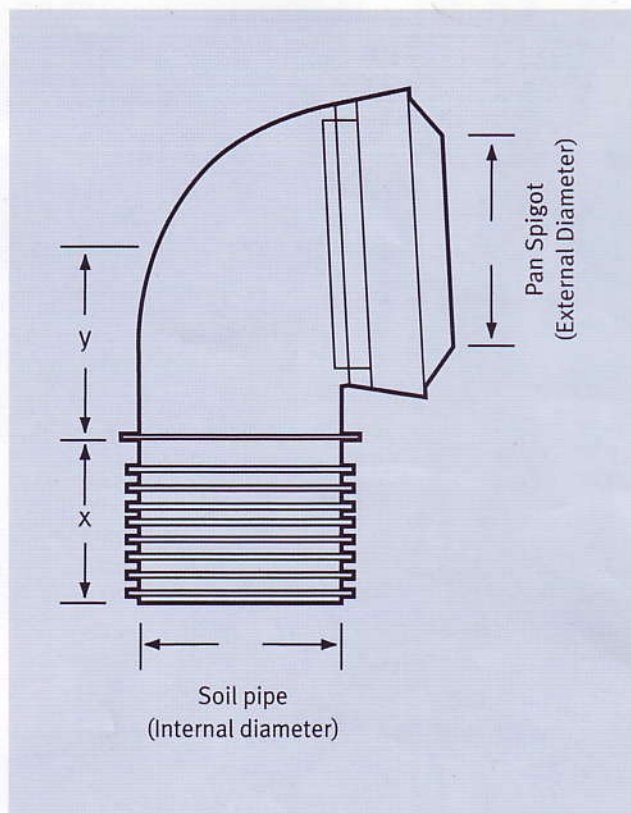
Pan spigot sizes

| | | Outside diameter |
|-----------------------|---|--|
| BS 5503/4 pans | ■ | 97 – 108MM (3 ⁷ / ₈ " – 4 ¹ / ₄ ") |
| BS 1213 pans | ■ | 108 – 114MM (4 ¹ / ₄ " – 4 ¹ / ₂ ") |
| BS 1213 Siphonic pans | ■ | 108 – 114MM (4 ¹ / ₄ " – 4 ¹ / ₂ ") |
| Stainless steel pans | ■ | 76 – 95MM (3" – 3 ³ / ₄ ") |

Soil pipe sizes

| | | Internal diameter |
|---------------------------|---|--|
| BS 4514 uPVC | ● | 99 – 105MM (3 ⁷ / ₈ " – 4 ¹ / ₈ ") |
| BS 4660 uPVC | ● | 99 – 105MM (3 ⁷ / ₈ " – 4 ¹ / ₈ ") |
| BS 65 Clay | ● | 99 – 105MM (3 ⁷ / ₈ " – 4 ¹ / ₈ ") |
| BS 416 Cast Iron | ● | 99 – 105MM (3 ⁷ / ₈ " – 4 ¹ / ₈ ") |
| Time Saver Cast Iron | ● | 99 – 105MM (3 ⁷ / ₈ " – 4 ¹ / ₈ ") |
| Traditional old cast iron | ● | 88 – 92MM (3 ³ / ₈ " – 3 ⁵ / ₈ ") |
| Extremely old soil pipes | ● | 74 – 77MM (3") |
| Copper soil pipe | ● | 105 – 108MM (4 ¹ / ₈ " – 4 ¹ / ₄ ") |

● Standard Range: Current BS 5503/4 Pan Spigot to BS 4515 UPVC Soil pipe



POPULAR CONNECTOR TYPES

STRAIGHT

Used when the soil pipe & WC pan spigot are aligned

STANDARD



LONG



SIPHONIC

Used on Siphonic BS 1213 S&P trap WC pan spigots



| Product Code | Colour Code | PanSpigot (O.D) | Soil pipe (I.D) | Colour Code | X | Y |
|--------------|-------------|-----------------|-----------------|-------------|----|-----|
| MKS1 | ■ | 108 – 114MM | 99 – 105MM | ● | 43 | 122 |
| MKS2 | ■ | 97 – 108MM | 99 – 105MM | ● | 43 | 101 |
| MKS3 | ■ | 108 – 114MM | 88 – 92MM | ● | 40 | 120 |
| MKS5 | ■ | 76 – 95MM | 99 – 105MM | ● | 43 | 101 |
| MKS7 | ■ | 97 – 108MM | 88 – 92MM | ● | 40 | 120 |
| MKS10 | ■ | 108 – 114MM | 74 – 77MM | ● | 47 | 135 |
| MKS4 | ■ | 97 – 108MM | 99 – 105MM | ● | 43 | 155 |
| MKS8 | ■ | 76 – 95MM | 99 – 105MM | ● | 43 | 155 |
| MKS1A | ■ | 108 – 114MM | 99 – 105MM | ● | 43 | 122 |

POPULAR CONNECTOR TYPES

OFFSET

Used when the soil pipe and WC pan spigot are misaligned

18MM OFFSET



40MM OFFSET



BEND 14 DEGREE

Used to connect a horizontal WC pan spigot to a single stack branch



BEND 90 DEGREE

Used where the difference between the WC pan spigot & soil pipe is 90 degrees in either direction



BEND 90 DEGREE

LONG



BEND 104 DEGREE

Used to connect a WC pan spigot with a 14 Degree fall into a soil pipe situated at ground level



TIGHT KNUCKLE BEND

Used where there is limited space between an old BS1213 WC pan spigot and soil pipe



| Product Code | Colour Code | PanSpigot (O.D) | Soil pipe (I.D) | Colour Code | X | Y |
|--------------|-------------|-----------------|-----------------|-------------|----|-----|
| MKO1 | ■ | 108 – 114MM | 99 – 105MM | ● | 41 | 125 |
| MKO2 | ■ | 97 – 108MM | 99 – 105MM | ● | 41 | 125 |
| MKO3 | ■ | 108 – 114MM | 88 – 92MM | ● | 38 | 125 |
| MKO5 | ■ | 76 – 95MM | 99 – 105MM | ● | 41 | 125 |
| MKO7 | ■ | 97 – 108MM | 88 – 92MM | ● | 38 | 125 |
| MKO4 | ■ | 97 – 108MM | 99 – 105MM | ● | 41 | 140 |
| MKB114 | ■ | 97 – 108MM | 99 – 105MM | ● | 55 | 133 |
| MKB114S | ■ | 97 – 108MM | 105 – 108MM | ● | 55 | 133 |
| MKB514 | ■ | 76 – 95MM | 99 – 105MM | ● | 55 | 133 |
| MKB614 | ■ | 76 – 95MM | 88 – 92MM | ● | 45 | 122 |
| MKB714 | ■ | 97 – 108MM | 88 – 92MM | ● | 45 | 122 |
| MKB21/90 | ■ | 97 – 108MM | 99 – 105MM | ● | 62 | 103 |
| MKB21/90S | ■ | 97 – 108MM | 105 – 108MM | ● | 62 | 103 |
| MKB2590 | ■ | 76 – 95MM | 99 – 105MM | ● | 62 | 103 |
| MKB3190 | ■ | 97 – 108MM | 99 – 105MM | ● | 45 | 190 |
| MKB31/90S | ■ | 97 – 108MM | 105 – 108MM | ● | 45 | 190 |
| MKB21104 | ■ | 97 – 108MM | 99 – 105MM | ● | 74 | 88 |
| MKB21104S | ■ | 97 – 108MM | 105 – 108MM | ● | 74 | 88 |
| MKB21 | ■ | 108 - 114M | 99 - 105MM | ● | 44 | 71 |
| MKB21S | ■ | 108 - 114MM | 105 - 108MM | ● | 44 | 71 |

POPULAR CONNECTOR TYPES

ADJUSTABLE REACH BEND

Used when installing a close coupled toilet into the existing pipework of an old BS1213 WC



BOSS

90 Degree bend that will accept vented pipe work



FLEXI HOSE

Flexible pipe connector for use in extremely difficult situations



EXTENSION

LONG

Used either as an extension for a Multikwik connector or as an adapter for non standard sized soil pipes



UNIVERSAL PIPE

An adaptor to a fixed position pipe 99-105mm (I.D.)



MULTILINK

Used to sleeve the fins of any 99 – 105mm Multikwik outlet, so that it can be linked to another Multikwik connector



| Product Code | Colour Code | PanSpigot (O.D) | Soil pipe (I.D) | Colour Code | X | Y |
|--------------|-------------|-----------------|-----------------|-------------|-----|-----|
| MKBAR90 | | 97 – 108mm | 99 – 105mm | | 40 | 210 |
| MKBB2190 | | 97 – 108mm | 99 – 105mm | | 62 | 103 |
| MKBB3190 | | 97 – 108mm | 99 – 105mm | | 45 | 190 |
| MKF330 | | 97 – 108mm | 99 – 105mm | | N/A | N/A |
| MKEA | | | 99 – 105mm | | 50 | 255 |
| MKEB | | | 88 – 92mm | | 50 | 255 |
| MKEG | | | 74 – 77mm | | 50 | 255 |
| MKEP110 | | | 99 – 105 | | | |
| MKL1 | | | | | | |

INTRODUCTION

MULTIKWIK CONNECTORS HAVE BEEN THE UK'S MARKET LEADING WC PAN CONNECTOR FOR OVER 35 YEARS. THEY SUCCESSFULLY FORM AN AIR AND WATER TIGHT CONNECTION BETWEEN THE TOILET PAN SPIGOT AND SOIL PIPE. THEIR UNIQUE FLEXIBLE EVA COPOLYMER FORMULATION AND INTEGRAL FIN SEALING SYSTEM GIVES THEM THE ABILITY TO BE FORMED AROUND AWKWARDLY SHAPED PAN SPIGOTS AND ONCE INSTALLED WILL ACCOMMODATE SECONDARY BUILDING MOVEMENT. WITH OVER 100 DIFFERENT SIZES IN THE RANGE, MULTIKWIKS OFFER AN INDIVIDUAL SOLUTION TO ALL SITUATIONS.

BENEFITS

- Single body construction – Means no snap caps, greatly reducing the chance of leakage
- Integral fins – Pipe sealing fins are moulded as an integral part of the main body to form a tight seal within the soil pipe. Sealing is then additionally aided by a series of unique high performance synthetic elastomeric rings. This combination forms a strong airtight seal.
- Flexible EVA Body – Forms easily around awkward spigots and accommodates secondary building movement.
- Largest range – The vast range will connect all commonly available WC pan spigots to soil pipes made from uPVC, cast iron, clay, copper pipe and lead.
- Designed not to block – Utilising the latest CAD technology, each fitting is specifically designed to ensure easy passage of foul materials.
- Easy to install – Their unique push fit design makes them simple and quick to install.
- Independent approval – Multikwik WC pan connectors are continually tested and approved by the BBA.

MANUFACTURE

Multikwik pan connectors are injection moulded from white EVA (Ethylene Vinyl Acetate) copolymer; the sealing rings are moulded from a high performance synthetic elastomeric compound.

QUALITY

Multikwik connectors are designed and tested to ensure that they always meet the requirements of BS 5627:1984 forming a guaranteed air and water tight seal between the soil pipe and the pan spigot.

INSTALLATION INSTRUCTIONS

THE MULTIKWIK SEAL

The joining principle of all Multikwik connectors is the formation of watertight seals created by multiple plastic and elastomeric flanges compressed against the soil pipe and pan or spigot, Figure 1.

FITTING

Check the connector is the correct size for the pan outlet and soil pipe. Minor variations in pan spigot size can be accommodated as the elastomeric and plastic sealing flanges ensure a positive seal. If the pan outlet is considerably under or oversized, an appropriate size connector should be used.

Multikwik flexible connectors are designed to seal without the use of solvent. The inside of the soil pipe must be reasonably clean and smooth. Just push the connector spigot firmly into the soil pipe, align the pan outlet or pipe spigot with the connector socket and push through the sealing flanges to joint.

It is important that the elastomeric and plastic sealing flanges fold inward as shown in Figure 1 to ensure a positive seal.

GENERAL

Each Multikwik connector has a label showing number and size and is packed in a polythene bag with installation leaflet and sachet of lubricant. As soil pipe sizes vary considerably it may sometimes be necessary to apply a liberal amount of lubricant from the sachet provided to aid assembly. Do not use any lubricant on the W.C. pan spigot.

Note: When required, only the lubricant supplied with the connector should be used. If necessary, fins may be made more pliable in water heated to 60°C maximum.

IMPORTANT

Connectors should not be allowed to come into contact with mineral oil, grease, putty or any compound containing mineral oil or grease and should be protected from direct sunlight and naked flames.

Note: If Multikwik connectors are to be stored where the ambient temperature could exceed 95°F/35°C the advice of the manufacturer should be obtained.

Fig.1

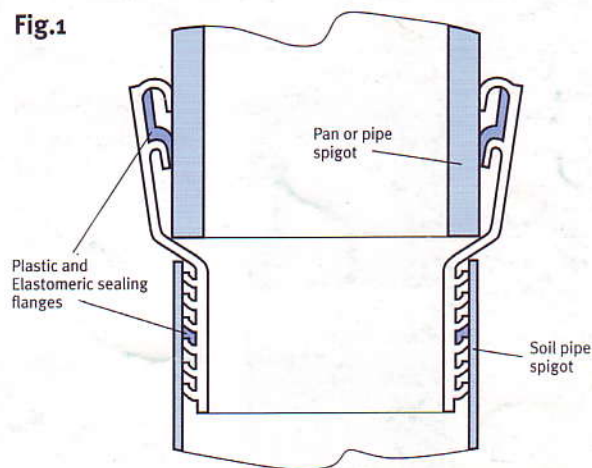


Fig.2

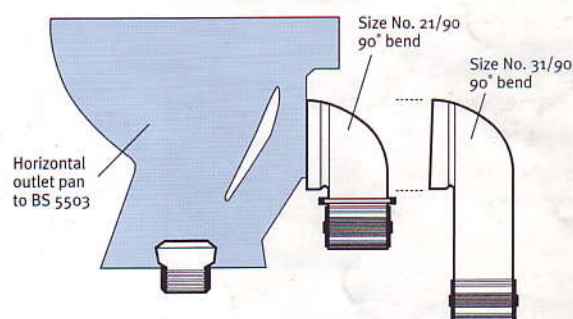


Fig.3

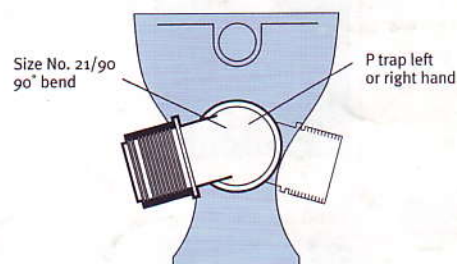
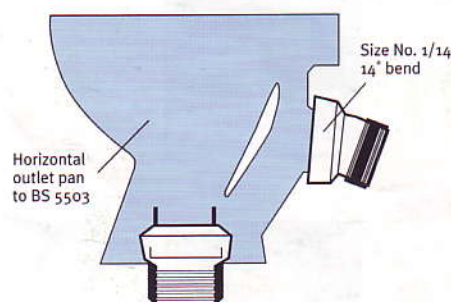


Fig.4



Sizes 1/14 and 31/90 are to BS 5627 specifications.

For further details contact your local distributor


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