



水務署
Water Supplies Department

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Reference

(8) in WSD 3321/2025 T/J(21/2025)

23 April 2025

**Approval of “ENDEX” Copper Fittings
(General Acceptance No. B20250009)**

Your letter ref. Q-1494/25 dated 10 January 2025 and subsequent submissions received by this department up to 24 March 2025 refer.

It is noted that the fittings described below have been accepted by the United Kingdom Water Regulations Advisory Scheme (WRAS) to have complied with the requirements of the United Kingdom Water Supply (Water Fittings) Regulations / Scottish Water Byelaws when correctly installed. This Authority accepts that the fittings described below based on the WRAS certificate and test report ref. BC-SUMMARY-2023-065 issued on 5 March 2025 by Castco Testing Centre Limited comply with, and their use when correctly installed does not contravene, the Waterworks Ordinance and Regulations.

Name of Manufacturer: Aalberts Integrated Piping Systems Ltd

Country of Origin: UK

Brand: Endex

Details of Fittings: Copper alloy fittings with end feed connection ends

Description	Model	Size
Straight Female Connector	N2	15x½", 22x¾", 35x1¼", 42x1½", 54x2" (mm x inch)



Description	Model	Size
Straight Female Connector (Reducer)	N2	15x $\frac{3}{4}$ ", 22x $\frac{1}{2}$ ", 22x1", 28x $\frac{1}{2}$ ", 28x $\frac{3}{4}$ " (mm x inch)
Straight Male Connector	N3	15x $\frac{1}{2}$ ", 22x $\frac{3}{4}$ ", 35x1 $\frac{1}{4}$ ", 42x1 $\frac{1}{2}$ ", 54x2" (mm x inch)
Straight Female Connector (Reducer)	N3	15x $\frac{3}{4}$ ", 22x $\frac{1}{2}$ ", 22x1", 28x $\frac{1}{2}$ ", 28x $\frac{3}{4}$ " (mm x inch)
Female Adaptor	N7	15x $\frac{1}{2}$ ", 22x $\frac{3}{4}$ ", 28x1", 35x1 $\frac{1}{4}$ ", 42x1 $\frac{1}{2}$ ", 54x 2" (mm x inch)
Female Adaptor (Reducer)	N7	22x $\frac{1}{2}$ " (mm x inch)
Male Adaptor	N8	15x $\frac{1}{2}$ ", 22x $\frac{3}{4}$ ", 28x1", 35x1 $\frac{1}{4}$ ", 42x1 $\frac{1}{2}$ ", 54x2" (mm x inch)
Union Coupling Cone Face	N11	15, 22, 28, 35, 42, 54 (mm)
Male Elbow	N13	15x $\frac{1}{2}$ ", 15x $\frac{3}{4}$ ", 22x $\frac{3}{4}$ ", 22x1", 28x1" (mm x inch)
Female Elbow	N14	15x $\frac{1}{2}$ ", 15x $\frac{3}{4}$ ", 22x $\frac{1}{2}$ ", 22x $\frac{3}{4}$ ", 22x1", 28x1", 35x1 $\frac{1}{4}$ " (mm x inch)
Backplate Elbow	N15	15x $\frac{1}{2}$ ", 22x $\frac{3}{4}$ " (mm x inch)
Female Tee	N29	15x $\frac{1}{2}$ "x15 (mm x inch x mm)
Female Tee	N29R	22x $\frac{1}{2}$ "x22, 28x $\frac{1}{2}$ "x28 (mm x inch x mm)
Female Tee	N30	15x15x $\frac{1}{2}$ ", 22x22x $\frac{3}{4}$ ", 28x28x1" (mm x mm x inch)
Female Tee	N30R	22x22x $\frac{1}{2}$ ", 28x28x $\frac{1}{2}$ ", 28x28x $\frac{3}{4}$ " (mm x mm x inch)
Bent Male Union Connector	N65	15x $\frac{1}{2}$ ", 22x $\frac{3}{4}$ ", 28x1" (mm x inch)
Straight Male Union Connector	N69	15x $\frac{1}{2}$ ", 22x $\frac{3}{4}$ ", 28x1", 35x1 $\frac{1}{4}$ ", 42x1 $\frac{1}{2}$ ", 54x2" (mm x inch)

Body Markings: Endex and size on body

WRAS Approval Number: 2202701

Installation Requirements: R001
(Appendix A of WRAS approval letter refers)

Expiry Date: 31 December 2026

In view of the acceptance by WRAS, this Authority has no objection to the use of the said fittings in fresh water plumbing systems subject to full adherence to Waterworks installation requirements. In particular, you are required to draw your customers' attention to the following installation requirements –

“Installation shall comply with the ‘Installation Requirements & Notes’ of the WRAS’s approval letter concerned.”

A condition of this acceptance is that the fittings to be installed should be replicas of the samples certified by WRAS and no modification should be made to the fittings. This acceptance may be withdrawn at any time if the standard of the fittings installed fails to meet that of the approved samples or if the fittings are found to be unsuitable for use in fresh water plumbing systems.

For the use of the fittings in any project, the General Acceptance Number of this letter must be quoted as a means of identification of acceptance of the fittings by this Authority.

Should you have any enquiries, please contact our Engineer Mr Albert CHOW at tel. no. 3583 4086.

Yours faithfully,



(Terry KUNG)

for Director of Water Supplies

Encl.

c.c. WSD 3321/1/82] - without catalogue
 ME/MC] - with soft copy only



Straight Female Connector
N2



Straight Female Connector
(Reducer)
N2



Straight Male Connector
N3



Straight Female Connector
(Reducer)
N3



Female Adaptor
N7



Female Adaptor (Reducer)
N7



Male Adaptor
N8



Union Coupling Cone Face
N11



Male Elbow
N13



Female Elbow
N14



Backplate Elbow
N15



Female Tee
N29



Female Tee
N29R



Female Tee
N30



Female Tee
N30R



Bent Male Union
Connector
N65



Straight Male Union
Connector
N69