

# AENOR

## AENOR Product Certificate Plastics



001/005934

AENOR certifies that the organization

### FIRAT PLASTIK, KAUÇUK VE SAN. TIC. A.S.

registered office TURKOBA KOYU, P.K., 12 - 34907 BUYUKCEKMECE (Istanbul - Turkey)  
supplies Plastics piping system for hot and cold water installations. Polypropylene  
in compliance with UNE-EN ISO 15874-1:2013 (EN ISO 15874-1:2013)  
UNE-EN ISO 15874-5:2013 (EN ISO 15874-5:2013)

SYSTEM DESCRIPTION Trademark: FIRAT  
Type of joint: Thermofusion / Metallic parts  
Application class / Design Pressure (bar): 1/10 ; 2/8 ; 4/10 ; 5/6  
See annex for more information.

Production site TURKOBA KOYU, P.K., 12 - 34907 BUYUKCEKMECE (Istanbul - Turkey)

Certification scheme In order to grant this Certificate, AENOR has tested the product and has verified the quality system implemented for its manufacture. AENOR performs these tasks periodically while the Certificate has not been cancelled, in accordance with Specific Rules RP 01.16.

First issued on 2013-02-15  
Last issued 2018-02-15  
Validity date 2023-02-15

Rafael GARCÍA MEIRO  
Chief Executive Officer

Original Electronic Certificate

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### Annex to Certificate

SYSTEM DESCRIPTION Trademark: FIRAT

Type of joint: Thermofusion / Metallic parts

Application class / Design Pressure (bar): 1/10 ; 2/8 ; 4/10 ; 5/6

| SYSTEM COMPONENT                        | DIAMETERS (mm)                              | MATERIAL             | REFERENCES              |
|-----------------------------------------|---------------------------------------------|----------------------|-------------------------|
| Pipes (AENOR Certificate N° 001/005732) | 20 - 25 - 32 - 40 - 50 - 63                 | Polypropylene (PP-R) | ---                     |
| Elbow 45°                               | 32 - 63                                     | Polypropylene (PP-R) | 77110010XX              |
| Elbow 90°                               | 20 - 25 - 32 - 40                           | Polypropylene (PP-R) | 77110000XX              |
| End cap                                 | 20 - 25 - 63                                | Polypropylene (PP-R) | 77310000XX              |
| Equal tee                               | 20 - 25 - 63                                | Polypropylene (PP-R) | 77410000XX              |
| Female elbow                            | 25 - 40                                     | Polypropylene (PP-R) | 77720251XX ; 7771040318 |
| Female tee                              | 25                                          | Polypropylene (PP-R) | 7752025XXX              |
| Male elbow                              | 25 - 40                                     | Polypropylene (PP-R) | 7774025XXX ; 7773040318 |
| Male tee                                | 25                                          | Polypropylene (PP-R) | 7754025XXX              |
| Reduced tee                             | 25x20x25 ; 40x25x40;<br>63x40x63 ; 63x50x63 | Polypropylene (PP-R) | 7742XXXXXX              |
| Reducer                                 | 32x25 ; 50x40                               | Polypropylene (PP-R) | 77230XX0XX              |
| Socket                                  | 20 - 25 - 40 - 63                           | Polypropylene (PP-R) | 77210000XX              |
| Straight female                         | 25 - 40 - 63                                | Polypropylene (PP-R) | 7762025XXX ; 77650X0191 |
| Straight male                           | 20 - 25 - 40                                | Polypropylene (PP-R) | 776402XXXX ; 7763040318 |

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Product certification body accredited by ENAC, number 01/C-PR002.001