



**POTVRDA O TIPNOM ODOBRENJU**  
*TYPE APPROVAL CERTIFICATE*

Br / No **01-007457/014847**

Potvrđuje se da je ovaj proizvod, u skladu s Pravilima za tehnički nadzor pomorskih brodova - Dio 1. - Opći propisi - Odjeljak 3. - Tipno odobrenje proizvoda, odobren za ugradnju na brodove i postrojenja pod nadzorom Hrvatskog registra brodova.

*This is to certify that this product on the basis of the Rules for technical supervision of sea-going ships - Part 1 - General requirements - Chapter 3 - Type approval of products, is approved for use on board ships and installations under supervision of the Croatian Register of Shipping.*

**TIP I OPIS PROIZVODA:**

*TYPE AND DESCRIPTION OF PRODUCT:*

**FUSIOTHERM-PIPES SDR 6/7,4/11**  
**FUSIOTHERM-CLIMATHERM SDR 7,4/11**  
**FUSIOTHERM-FIRESTOP SDR 7,4**  
**FUSIOTHERM-FITTINGS**

**Termoplastične cijevi i priključci od polipropilena, tip 3.**

**Veličina i tlak: 20 [mm] do 250 [mm], SDR 11**  
**16 [mm] do 250 [mm], SDR 7,4**

**Najveći dozvoljeni radni tlak i temperatura prema specifikaciji proizvođača.**

*Thermoplastic pipes and fittings (joining elements) of Polypropylene, type 3.*

*Size and pressure range: 20 [mm] do 250 [mm], SDR 11*  
*16 [mm] do 250 [mm], SDR 7,4*

*Maximum allowable working pressure and temperature according to the specification of the manufacturer.*

**PROIZVOĐAČ:**

*MANUFACTURER:*

**AQUATHERM GmbH**  
 Biggen 5 D-57439 Attendorn

*GERMANY*

**PROIZVOD UDOVOLJAVA SLIJEDEĆIM PRAVILIMA/PROPISIMA:**

*THE PRODUCT MEETS FOLLOWING RULES/REGULATIONS:*

**Pravila za tehnički nadzor pomorskih brodova – Hrvatskog registra brodova: Dio 8. – Cjevovodi – 1.7 i Dio 24. Nemetalni materijali – 10 ; IMO rezolucija A.753(18) bez testa ponašanja u vatri i testa širenja plamena; SKZ specifikacija za ispitivanje i pregled PP – cijevnih sistema HR 3.10.11.95.**

*The Rules for Technical Supervision of Sea-going Ships to the Croatian Register of Shipping: Part 8. – Pipelines – 1.7 and Part 24. – Nonmetallic Materials – 10; IMO Res. A.753(18) without fire endurance test and flame spread test; SKZ Specification for Tests and Inspection of PP – Pressure Pipe Systems HR 3.10.11.95.*

**PODRUČJE PRIMJENE/POSEBNI GRANIČNI UVJETI:**

*FIELD OF APPLICATION/SPECIAL OPERATIONAL LIMITS:*

**Cijevni sistemi za vodu za piće, sanitarnu vodu i grijanje koji se ugrađuju iza obloga i stropova B-klase ili C-klase. Ukoliko ne postoji obloga ili strop potrebno je predvidjeti odgovarajuću izolaciju cijevi. Nije dozvoljena ugradnja u opasnim zonama.**

*Drinking and sanitary water as well as heating systems which are installed behind B-Class or C-Class ceilings and linings. In case no ceiling or lining is existing the pipes are to be provided with suitable insulation. These pipes may not be used wherever a fire endurance level is required according to IMO Res. A.753(18).*

**ODOBRENJE VRIJEDI DO:**

*APPROVAL IS VALID UNTIL:*

**2012-06-02**

**UZ UVJETE NAVEDENE NA POLEĐINI**

*SUBJECT TO CONDITION OVERLEAF*

**Mjesto i datum** ..... Split, 2008.06.03.  
*Place and date*

**M.P.** .....  
*(Seal)*

Goran Begović, dipl.ing.