

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	FIP FORMATURA INIEZIONE POLIMERI S.P.A.
Address	Località Pian di Parata, GENOVA, Casella, 16015, Italy
Place of Production	FIP FORMATURA INIEZIONE POLIMERI S.P.A. Località Pian di Parata, GENOVA, Casella, 16015, Italy
Place of Production	NICOLL RACCORDS ET PLASTIQUES 37 Rue Pierre et Marie Curie, Cholet Cedex, FRANCE, France
Type	Plastic Pipes
Description	Pipes, valves and fittings, mainly glued using solvent cement made of Chlorinated Polyvinylchloride PVC-C
Trade Name	PVC-C TemperFIP100 CORZAN TM
Application	For Class III water pipes of non-essential systems where fire endurance performance is not a requirement, according to the LR Rules Part 5 Chapter 12 Table 12.5.3.
Specified Standard	LR Rules and Regulation for the Classification of Ships, 2021, Part 5 Chapter 12, Section 5. Table 12.5.3 EN ISO 15493, EN ISO 16135 (ball valve), EN ISO 16137 (check valve), EN ISO 16136 (butterfly valve) and EN ISO 16138 (diaphragm). EN 13501-1

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EN 11925-2
Resolution A 753as amended by MSC.399(95)

Ratings

Outside diameter (mm): 16 to 225
Pressure – PN (bar at 20°C): 10-16
Temperature range (°C): 0 to 100

Other Conditions

Installation design, solvent welding procedures, choice of materials, solvent cements and other connection types are to comply with the manufacturer's instructions and recommendations.

At elevated temperatures higher than 20 °C, pressure reductions have to be considered.

The PVC-C pipelines can be supported through "ASTORE", "GOEMA", "ZIKM" PE/PP pipe clips manufactured by FIP having low flame spread characteristics assessed according to ASTM D635

Valve connectors, when dismountable, are made of a material approved either with the Type approval of the valves or with the Type approval of the connected pipeline (e.g. Valsir system)

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 11/00070 (E1)

The Design Appraisal Document LR22196520DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.