Visualize a published system sheet

FNP system

FNP number : 1108

Index FNP : S006

Last publication : 2024/10/07

State : PUBLISHED

Supplier : PPG

Total thickness : 200 µm

public comment EN : PIC SYSTEM APPLICABLE FOR REP (PWR French Fleet) AND EPR Jan. 31st, 2024 : A multidisciplinary work group validated a new architecture of this system, for all the targeted codes. The implementation of this new architecture proves to be more suited to the civil engineering and equipment applications in all their diversity / complexity of geometry or configuration. The change in coating system architecture is displayed here in a new template induced by revision 9 of CCTR 91C031. In particular, some application requirements (tolerances surrounding nominal thicknesses, drying times, etc.) must be provided from abacus by the contractor or its representative carrying out the coating works because it depends on the targeted codification. The abacus are provided in the comment sheet following the TDS. FNP1108 ind E Technical Datasheet also brings an extension of qualification scope to group 105 (up to the maximum temperature in continuous service of 200°C) and the applicability on stainless steel. Aug. 3rd, 2023 : Technical Datasheet update for dilution range correction of CENTREPOX N EVO product. Feb. 13th, 2023 : First publication of the system. The bi-component products "CENTREPOX N NF" et "CENTRIFUGON EAP NF" are renamed "CENTREPOX N EVO" and "CENTRIFUGON EAP EVO" following solvent reformulation of the base (hardeners are not reformulated but commercial trade name also changed to avoid confusion). The DI/TEGG note ref. D309522042650A and D309522042688A validated the qualification maintaining of all the FNP systems concerned. FNP1108 system succeeds to the FNP1042 system, on the same codifications with the products of the "EVO" segment. It should be noted that tests were also supported by EDF on the FNP1108 to argue the non-regression of the reformulated system. Note : FNP1042 system itself succeeded FNP240 in 2017, which had been reformulated to remove ethylbenzene.

Utilities type : PIC EPR , PIC REP , PARC NUCLEAIRE

Technical sheet : FNP1108_ENG_Ind E_Dec 2023.pdf

Codifications published

Série	Groupe
PIA/EIA PIB/EIB PID/EID PIC	101
PIA/EIA PIB/EIB PID/EID PIC	105
PIA/EIA PIB/EIB PID/EID PIC	100
PIA/EIA PIB/EIB PID/EID PIC	103
PIA/EIA PIB/EIB PID/EID PIC	104

Coat list

Coat number	Product name	Thickness	Nature of the binder	Type of phase	Proportion of solvent
1	CENTREPOX N EVO	70 µm	Epoxy phénolique polyamide	SV	28
2	CENTREPOX N EVO	70 µm	Epoxy phénolique polyamide	SV	28
3	CENTRIFUGON EAP EVO	60 µm	Epoxy phénolique polyamide	SV	30.5
4	-=-=-=-=-=-=-=-=-=				
5	DILUANT N°1 BIS				