



# TREATMENT PERFORMANCE RESULTS

PIA2020-SR66-2007-1024.02

**TPW Systems Ltd.**

Ballyheige, Screen, Co. Wexford, Ireland

**EN 12566-3 Annex B**

Results corresponding to EN 12566-3 and S.R. 66

**EUROTANK BAF2 + TER3 (range with 7 models)**

Biological aerated filter + packaged tertiary treatment mod

Nominal organic daily load (influent)	0.29 kg BOD <sub>5</sub> /d		
Nominal hydraulic daily load	0.9 m <sup>3</sup> /d		
Material	Concrete		
Watertightness	Pass		
Structural behaviour (Crushing resistance)	Pass (also wet conditions)		
Durability	Pass		
Treatment efficiency (nominal sequences)	Efficiency	Effluent	
	COD	96.6 %	28 mg/l
	BOD <sub>5</sub>	99.3 %	2 mg/l
	NH <sub>4</sub> -N	99.3 %	0.3 mg/l
	SS	98.8 %	4 mg/l
Electrical consumption	1.16 kWh/d		
Number of desludging	Not more than once		

Tested by:

**PIA – Prüfinstitut für Abwassertechnik GmbH**

(PIA GmbH)

Hergenrather Weg 30

52074 Aachen, Germany

This document replaces neither the declaration of performance nor the CE marking.



Notified Body  
No.: 1739



Certified according to  
ISO 9001:2015

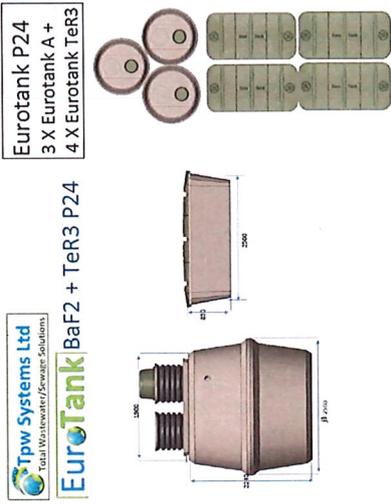
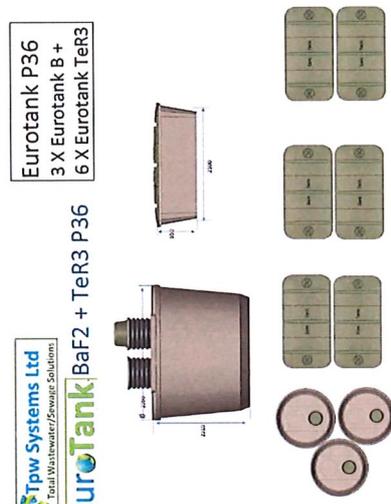
M. Wermter / D. Schmitz

February 2023

EUROTANK BAF2 + TER3 range and its referring test reports:

Population equivalent (PE)	Drawing of model of the range	Watertightness (EN 12566-3 Annex A)	Treatment Efficiency (EN 12566-3 Annex B)	Structural Behaviour (EN 12566-3 Annex C)	Durability
Initial Type Test (ITT)  6  900 l/d	<p>Eurotank P6 1 X Eurotank A + 1 X Eurotank Ter3</p> <p>Ipw Systems Ltd Total Wastewater/Sewage Solutions EuroTank Baf2 + Ter3 P6</p>	<p>Pass</p> <p>PIA2020-WD-2007-1025</p> <p>PIA2022-WD-2204-1027A</p>	<p>Pass</p> <p>PIA2020-+Module-373B09</p>	<p>Pass</p> <p>For wet ground conditions also, installation depth 1.00 m from inlet invert</p> <p>PIA2022-ST-BT-2204-1027</p> <p>For dry ground conditions only</p>	<p>Pass</p> <p>PIA2020-DH-2007-1025</p>
7  1,050 l/d	<p>Eurotank P7</p> <p>Ipw Systems Ltd Total Wastewater/Sewage Solutions EuroTank Baf2 + Ter3 P7</p>	<p>Pass</p> <p>PIA2020-WD-2007-1025</p> <p>PIA2022-WD-2204-1027B</p>	<p>Pass</p> <p>Range conformity according to S.R. 66:2015</p>	<p>Pass</p> <p>For wet ground conditions also, installation depth 1.00 m from inlet invert</p> <p>PIA2022-ST-BT-2204-1027</p> <p>For dry ground conditions only</p>	<p>Pass</p> <p>PIA2020-DH-2007-1025</p>

Population equivalent (PE)	Drawing of model of the range	Watertightness (EN 12566-3 Annex A)	Treatment Efficiency (EN 12566-3 Annex B)	Structural Behaviour (EN 12566-3 Annex C)	Durability
12 1,800 l/d	<p>Eurotank P12 2 X Eurotank A + 2 X Eurotank TeR3</p> <p>Tpw Systems Ltd Total Wastewater/Sewage Solutions EuroTank BaF2 + TeR3 P12</p>	<p>Pass</p> <p>PIA2020-WD-2007-1025</p> <p>PIA2022-WD-2204-1027A</p>	<p>Pass</p> <p>Range conformity according to S.R. 66:2015</p>	<p>Pass</p> <p>For wet ground conditions also, installation depth 1.00 m from inlet invert</p> <p>For dry ground conditions only</p>	<p>Pass</p> <p>PIA2020-DH-2007-1025</p>
18 2,700 l/d	<p>Eurotank P18 3 X Eurotank A + 3 X Eurotank TeR3</p> <p>Tpw Systems Ltd Total Wastewater/Sewage Solutions EuroTank BaF2 + TeR3 P18</p>	<p>Pass</p> <p>PIA2020-WD-2007-1025</p> <p>PIA2022-WD-2204-1027A</p>	<p>Pass</p> <p>Range conformity according to S.R. 66:2015</p>	<p>Pass</p> <p>For wet ground conditions also, installation depth 1.00 m from inlet invert</p> <p>For dry ground conditions only</p>	<p>Pass</p> <p>PIA2020-DH-2007-1025</p>

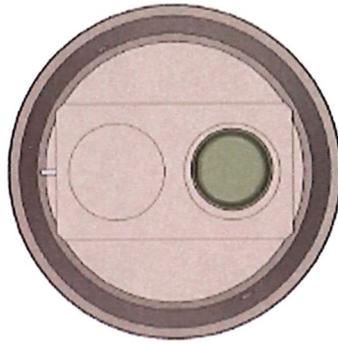
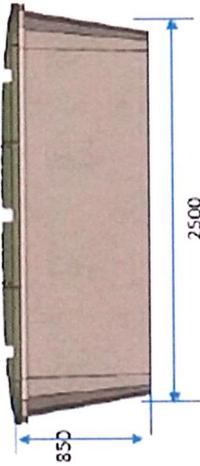
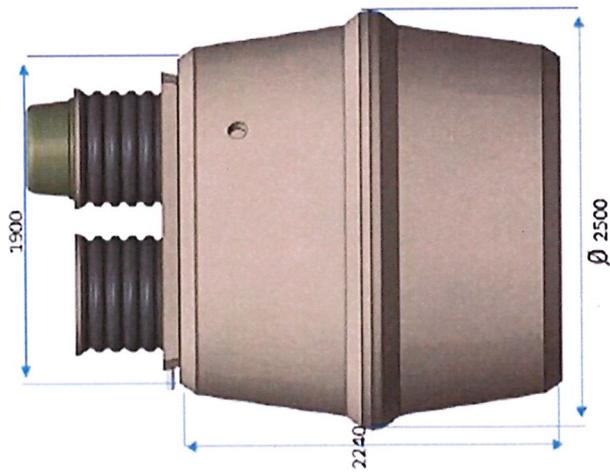
Population equivalent (PE)	Drawing of model of the range	Watertightness (EN 12566-3 Annex A)	Treatment Efficiency (EN 12566-3 Annex B)	Structural Behaviour (EN 12566-3 Annex C)	Durability
<p>24 3,600 l/d</p>		<p>Pass</p> <p>PIA2020-WD-2007-1025</p> <p>PIA2022-WD-2204-1027A</p>	<p>Pass</p> <p>Range conformity according to S.R. 66:2015</p>	<p>Pass</p> <p>For wet ground conditions also, installation depth 1.00 m from inlet invert</p> <p>For dry ground conditions only</p>	<p>Pass</p> <p>PIA2020-DH-2007-1025</p>
<p>36 5,400 l/d</p>		<p>Pass</p> <p>PIA2020-WD-2007-1025</p> <p>PIA2022-WD-2204-1027A</p>	<p>Pass</p> <p>Range conformity according to S.R. 66:2015</p>	<p>Pass</p> <p>PIA2020-ST-BT-2007-1025A</p> <p>For wet ground conditions also, installation depth 1.00 m from inlet invert</p> <p>PIA2022-ST-BT-2204-1027</p> <p>For dry ground conditions only</p>	<p>Pass</p> <p>PIA2020-DH-2007-1025</p>

Population equivalent (PE)	Drawing of model of the range	Watertightness (EN 12566-3 Annex A)	Treatment Efficiency (EN 12566-3 Annex B)	Structural Behaviour (EN 12566-3 Annex C)	Durability
42 6,300 l/d	<p>Eurotank P42 3 X Eurotank B + 7 X Eurotank TeR3</p> <p>Tpw Systems Ltd Total Wastewater/Sewage Solutions EuroTank BaF2 + TeR3 P42</p>	<p>Pass</p> <p>PIA2020-WD-2007-1025</p> <p>PIA2022-WD-2204-1027A</p>	<p>Pass</p> <p>Range conformity according to S.R. 66:2015</p>	<p>Pass</p> <p>For wet ground conditions also, installation depth 1.00 m from inlet invert</p> <p>For dry ground conditions only</p>	<p>Pass</p> <p>PIA2020-DH-2007-1025</p>
48 7,200 l/d	<p>Eurotank P48 3 X Eurotank B + 8 X Eurotank TeR3</p> <p>Tpw Systems Ltd Total Wastewater/Sewage Solutions EuroTank BaF2 + TeR3 P48</p>	<p>Pass</p> <p>PIA2020-WD-2007-1025</p> <p>PIA2022-WD-2204-1027A</p>	<p>Pass</p> <p>Range conformity according to S.R. 66:2015</p>	<p>Pass</p> <p>For wet ground conditions also, installation depth 1.00 m from inlet invert</p> <p>For dry ground conditions only</p>	<p>Pass</p> <p>PIA2020-DH-2007-1025</p>

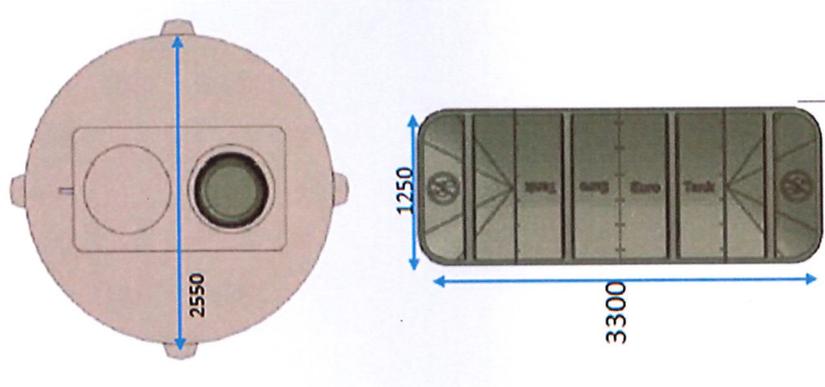
**Eurotank P6**  
1 X Eurotank A +  
1 X Eurotank TeR3



# EuroTank BaF2 + TeR3 P6

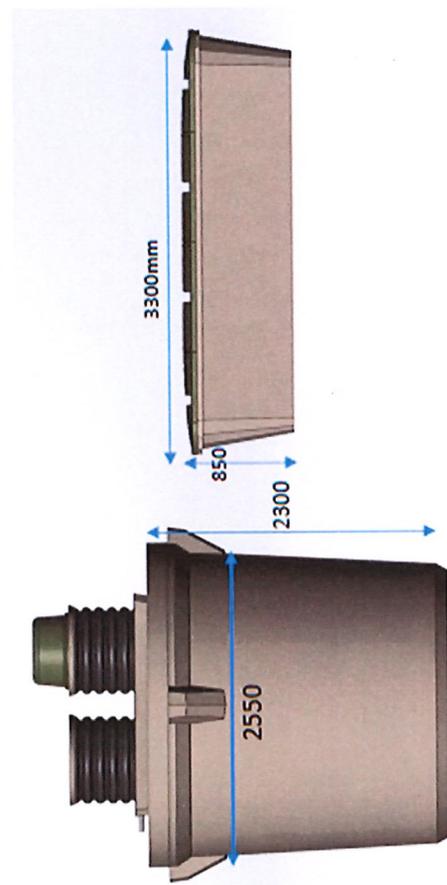


# Eurotank P7



# EuroTank BaF2 + Ter3 P7

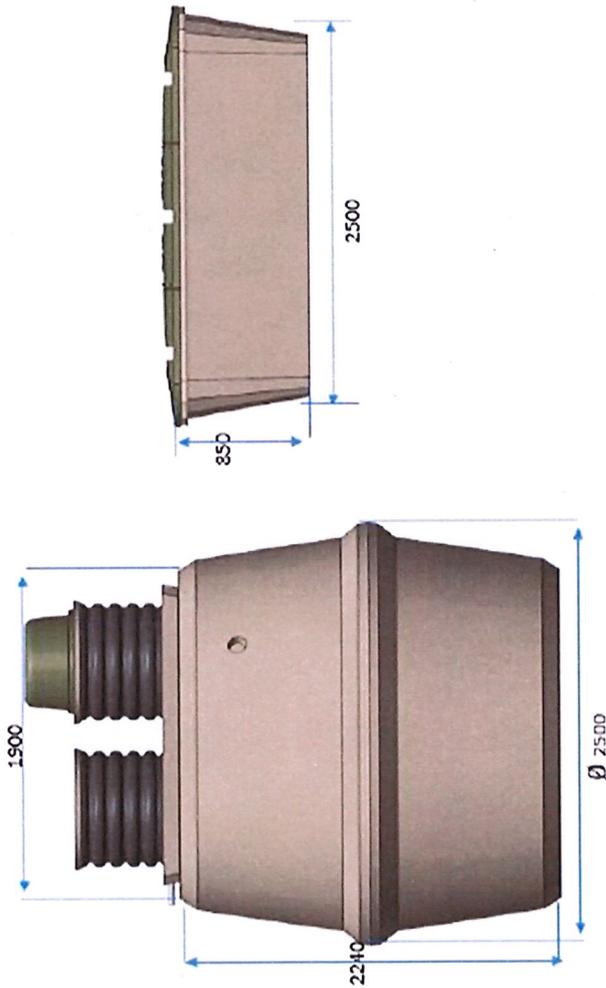
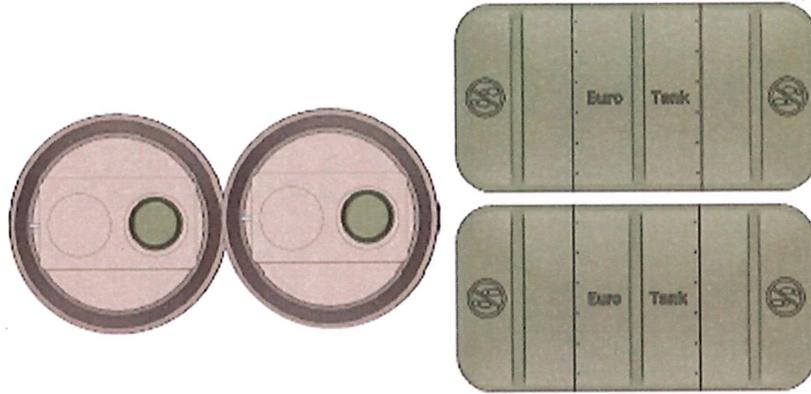
## Eurotank BaF2 P7 + Eurotank Ter3 P8



Eurotank P12  
2 X Eurotank A +  
2 X Eurotank TeR3



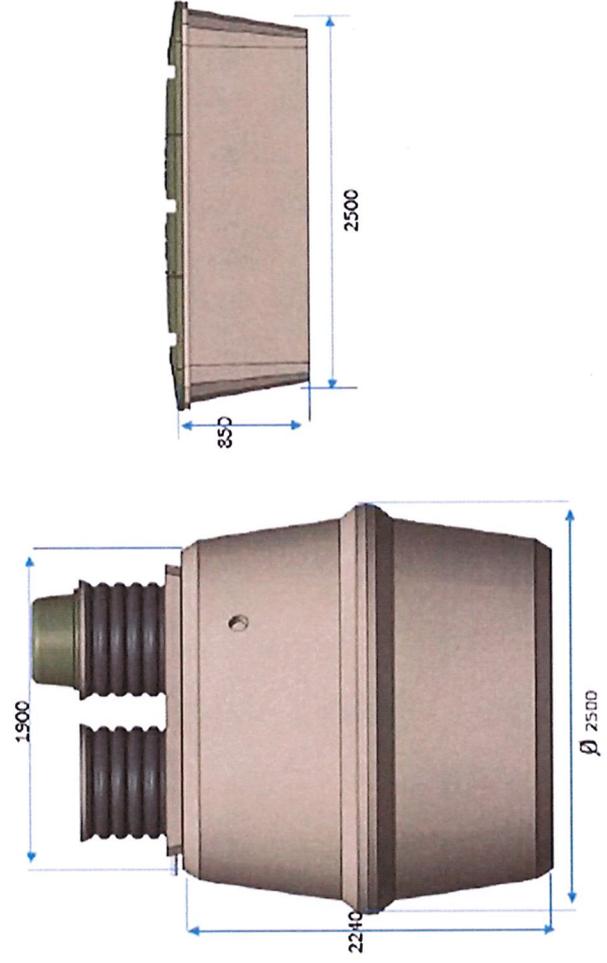
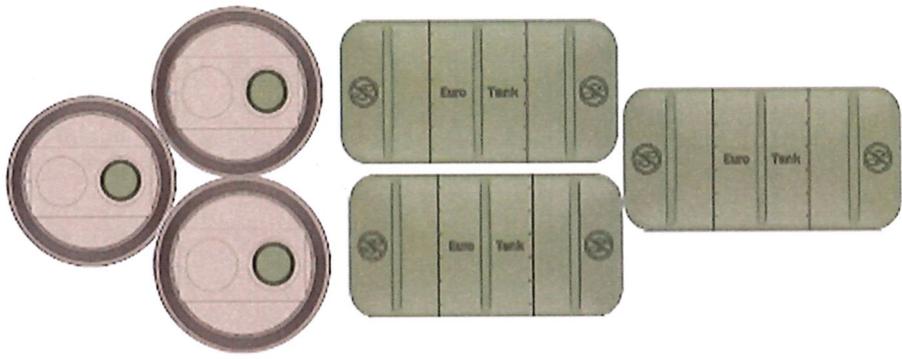
# EuroTank BaF2 + TeR3 P12



**Eurotank P18**  
**3 X Eurotank A +**  
**3 X Eurotank TeR3**



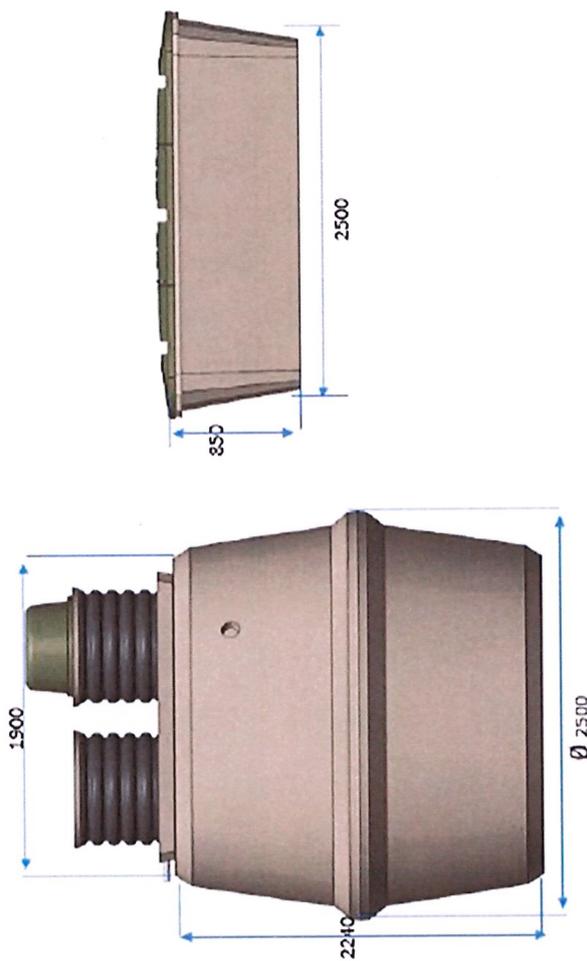
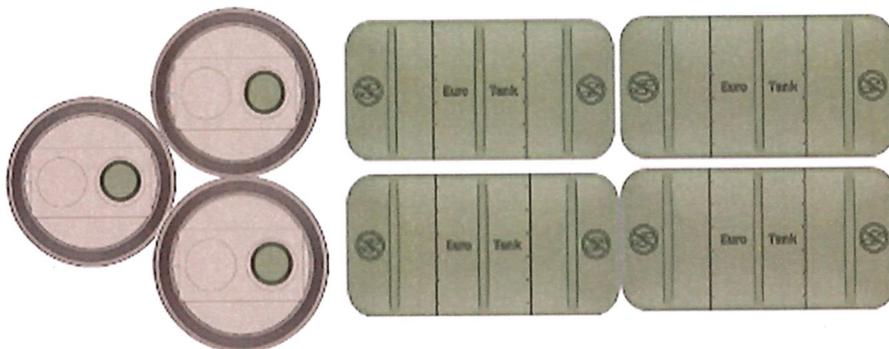
# EuroTank BaF2 + TeR3 P18



Eurotank P24  
3 X Eurotank A +  
4 X Eurotank TeR3



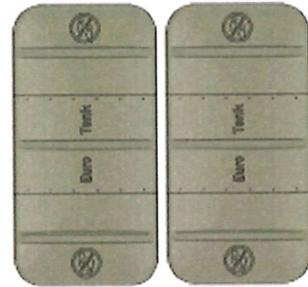
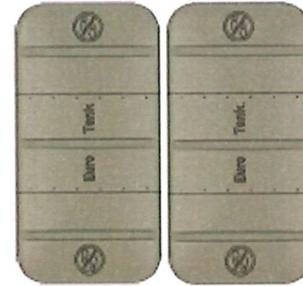
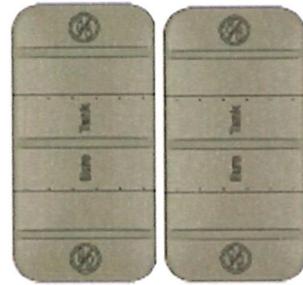
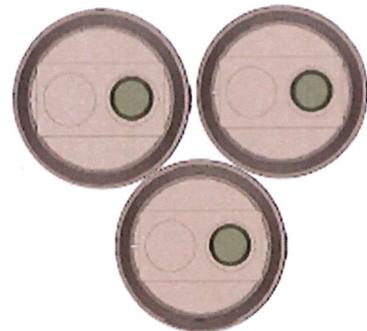
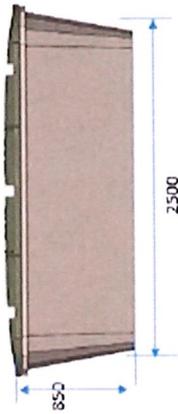
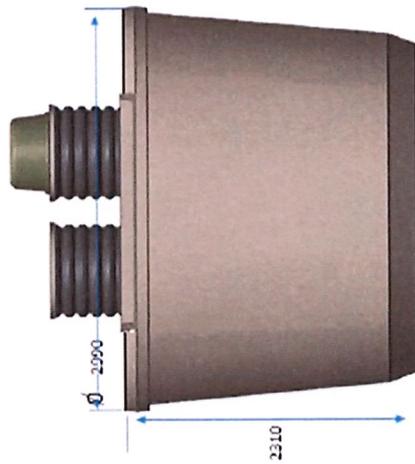
# EuroTank BaF2 + TeR3 P24





# EuroTank BaF2 + TeR3 P36

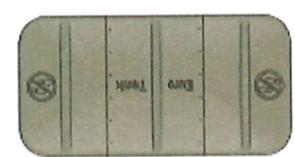
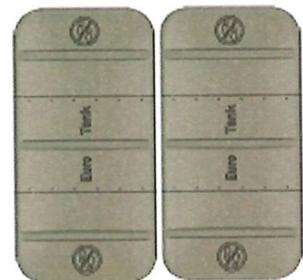
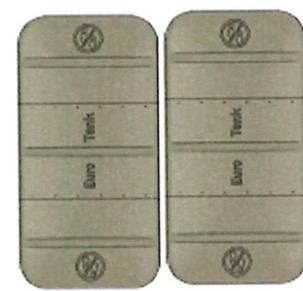
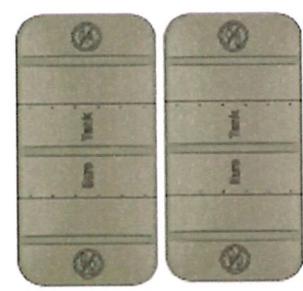
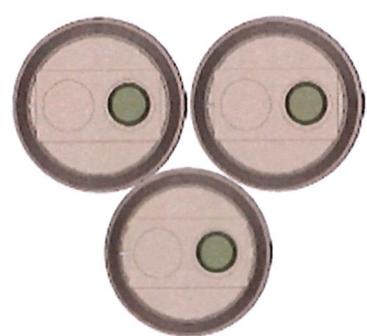
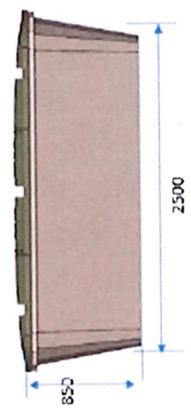
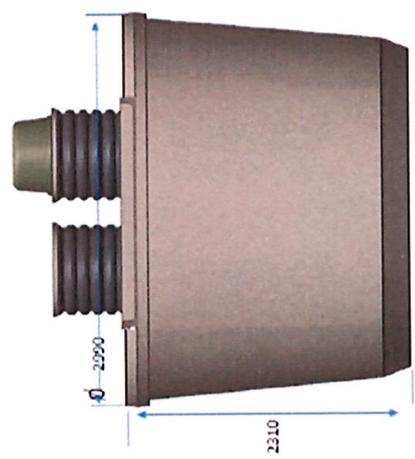
Eurotank P36  
3 X Eurotank B +  
6 X Eurotank TeR3



Eurotank P42  
3 X Eurotank B +  
7 X Eurotank TeR3



**EuroTank** BaF2 + TeR3 P42



**Eurotank P48**  
**3 X Eurotank B +**  
**8 X Eurotank TeR3**



**EuroTank** BaF2 + TeR3 P48

