

Installation of Waterproofing and Protection Geomembranes on Reservoirs executed by CARPI

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Reservoirs and geomembrane characteristics, in chronological order, according to membrane placing

Name of reservoir	Country	Geomembrane					
		Installation Completed	Type	Thickness [mm]	Quantity [m ²]	Support	Drainage
Koohrang	Iran	2004	PVC	2.0 (slopes) 1.5 (bottom)	20000	Geotextile	-
Herbes Blanches	Island of La Reunion France	2003	PVC	2.0	54000	Geotextile	Pipes system
Petrohan	Bulgaria	2001	PVC	2.5 (slopes) 1.5 (bottom)	45571	Geotextile	-
Oberems	Switzerland	2000	PVC	2.5	450	Geotextile	Geonet
Cerny Vah	Slovakia	1999	PVC	2.5	30	Geotextile	-
Rimini	Italy	1996	PVC	2.0	4000	Geotextile	-
Germanette	France	1995	PVC	2.0	35000	Geotextile	Geotextile
Larino	Italy	1994	PVC	2.0	6300	Geotextile	-
Messoline	Italy	1991	PVC	2.0	8200	Geotextile	-
Mera	Italy	1991	PVC	2.0	1000	Geotextile	-
Romentino	Italy	1990/92	HDPE	2.0	19000	-	-
Saint Martin de Vesubie	France	1989	PVC	2.0	350	Geotextile	-

Name of reservoir	Country	Geomembrane					
		Installation Completed	Type	Thickness [mm]	Quantity [m ²]	Support	Drainage
Pila	Italy	1988	PVC	1.5	12000	-	-
Vigevano	Italy	1987	PVC	2.5	1690	Geotextile	Geonet
Acquedotto Monferrato	Italy	1985	PVC	1.5	1000	-	-
Pioda	Italy	1985	PVC	2.0	5400	-	-
Ripalta	Italy	1984	HDPE	2.0	n.a.	-	-
Teglia	Italy	1984	PVC	2.0	n.a.	-	-
Gorghiglio Reservoir and Dam	Italy	1979	PVC	2.0	35000	Geotextile	-
Salvar - Merano	Italy	1969	n.a.	n.a	n.a	-	-

Complemental Waterproofing Works on Reservoirs

Chellow Heights Waterproofing of Roof	United Kingdom	2002	FPO	1.2	24000	Scrim reinforced	Geonet
Acueducto Oriental Waterproofing of Foundations	Dominican Rep.	2002	PVC	1.5	18480	Geotextile	-

n.a. = not available

In very old installations some data are not any more available.

PVC : Polyvinyl Chloride
 HDPE: High Density Polyethylene
 FPO : Flexible Polyolefine