

Abbreviations

ACQPA	Association for the Certification and Quantification of Anticorrosive Paintwork
ADEME	French Agency for the Environment and Energy Control
AFM	Atomic force microscopy
AFPC	French Association for Construction
AFTES	French Association for Underground Works
APP	Atactic polypropylenes
ATR	Attenuated Total Reflection
BBR	Bending beam rheometer
BGS	Bentonite geosynthetics
CFG	French Geosynthetics Committee
CRC	Continuous reinforced concrete
CSLM	Confocal scanning laser microscopy
DGEBA	Diglycidyl ether of bisphenol A
DGEBF	Diglycidyl ether of bisphenol F
DSC	Differential scanning calorimetry
EBA	Ethylene butyl acrylate
EMA	Ethylene methyl acrylate
EP	Epoxy resins
EPDM	Ethylene-propylene-direne terpolymer
EPS	Expanded polystyrene
ESEM	Environmental scanning electron microscopy
ETP	Thermoplastic elastomers
EVA	Ethylene vinyl acetate copolymer
FTIR	Fourier Transform Infrared Spectroscopy
GDS	Geosynthetic drainage system
GLS	Geomembrane lining system
GPL	Gel permeation chromatography
HDMI	Hexamethylene diisocyanate

HPLC	High performance liquid chromatography
HPRE	Waterproofing products processed at high production rate with roadworks equipment
IPDI	Isophorone diisocyanate
LDPE	Low density polyethylene
LS	Lignosulfonates
MPM	Monolayer prefabricated membranes
PA	Polyamide
PAN	Polyacrylonitrile
PAV	Paving aging vessel
PBT	Polybutylene terephthalate
PC	Polycarbonate
PE	Polyethalene
PET	Polyethylene terephthalate
PI	Penetration index
PIB	Polyisobutylene
PmB	Polymer modified bitumen
PMS	Polymelamine sulfonates
PNS	Polynaphthalene sulfonates
PP	Polypropylene
PS	Polystyrene
PUR	Polyurethane
PVAC	Polyvinyl acetate
PVC	Polyvinylchloride
PVC-P	Plasticized polyvinylchloride
PVDF	Polyvinylidene fluoride
R&BT	Ring and Ball Temperature
RFTOT	Rolling thin film oven test
SB	Styrene-butadiene block-polymer
SEC	Steric exclusion chromatography
SEM	Scanning electron microscopy
TDA	Thermal differential analysis
TEM	Transmission electron microscopy
TGA	Thermogravimetric analysis
TRV	Toxicological reference values
ULCS	Ultra-light cellular structures
UPE	Unsaturated polyester
VNTP	Visible at night and in wet weather marking
WLF	Williams, Landel and Ferry relation