

Table of Contents

Summary	2
Keywords	4
Table of Contents	5
1 Introduction	6
2 Masonry types	7
3 Materials for strengthening masonries	9
3.1 Composites	9
3.2 Stainless steel strands or strips	11
4 Strengthening techniques	11
4.1 Compression	12
4.1.1 CAM system hoop	12
4.1.2 FRP strip confinement	13
4.1.3 Injected bars	13
4.1.4 Stainless steel hoop confinement	13
4.2 In-plane shear	15
4.2.1 FRP strips 15	18
4.2.2 Mortar coating reinforced with GFRP mesh	22
4.2.3 CAM system	22
4.2.4 "Reticolatus"	23
4.3 Out-of-plane flexure	25
5 Concluding remarks	26
6 References	27