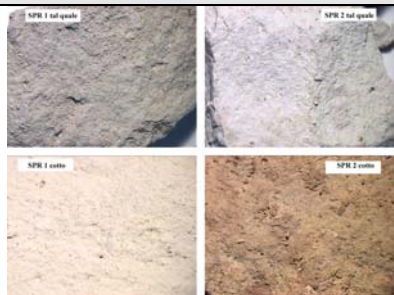

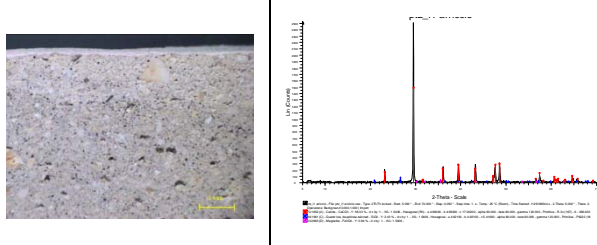

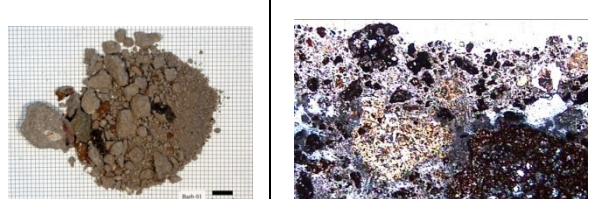




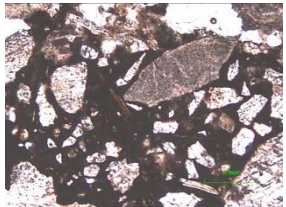

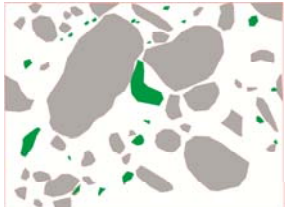
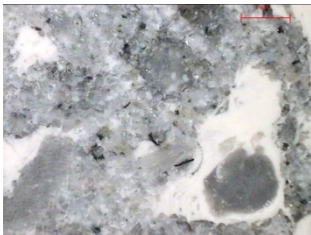
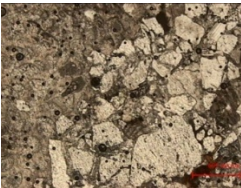
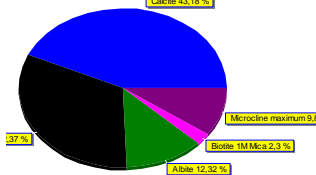
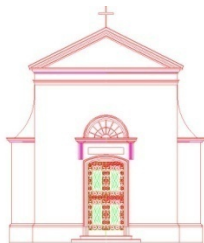


# REFERENCES


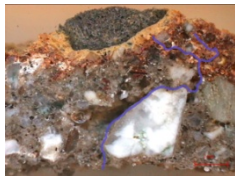


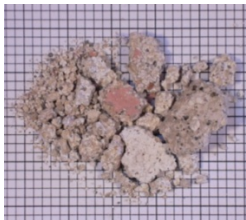
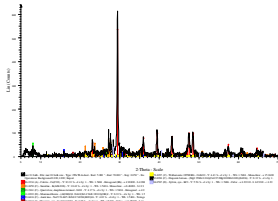


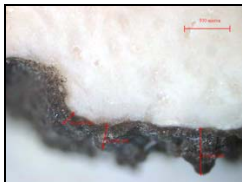
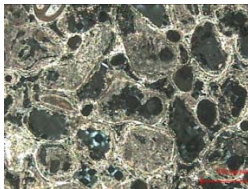

## Activities: References



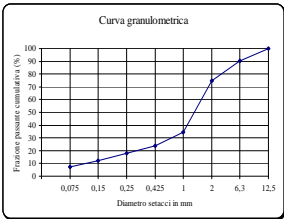



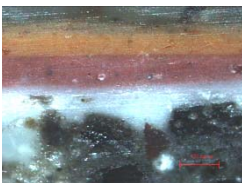
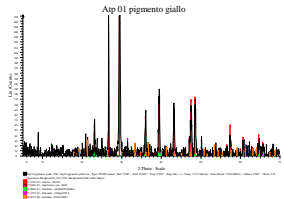


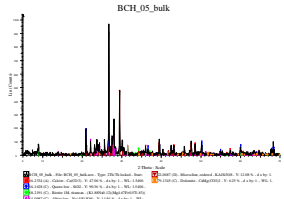
Follows the main diagnostic investigations conducted by the M.A.RE. Lab. since 2003.

### SECTIONS SIL and SIMP

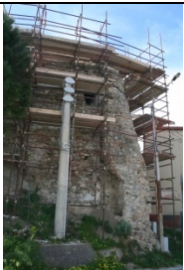

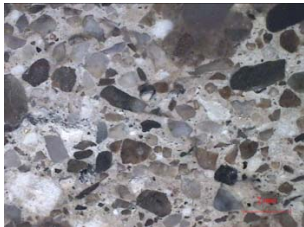

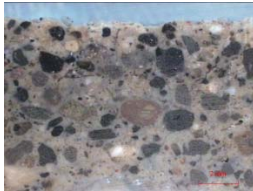
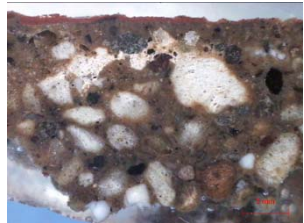

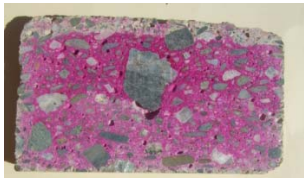

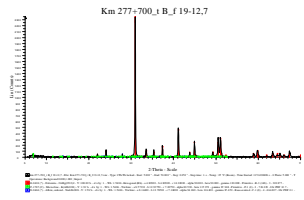
Year	Activity	Building		Client	Service/Tests/Instruments/Methods	
2005	RESEARCH	MARNE AND LIMESTONE IN PALIZZI (RC)		PAU Department, University of Reggio Calabria	Transformation of a local raw material based carbonate in hydraulic lime	
	APPLICATION	FEDERICIAN PALACE IN PALAZZO SAN GERVASIO (PZ)		Construction Company	Mineralogical-petrographic characterization of plasters and mortars	
	APPLICATION	BARBERINI PALACE IN ROME		Construction Company	Mineralogical-petrographic characterization of plasters and mortars	


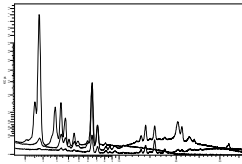
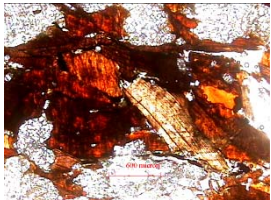


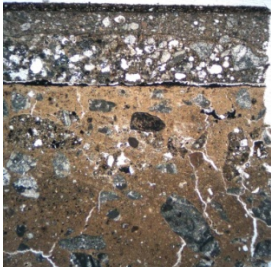


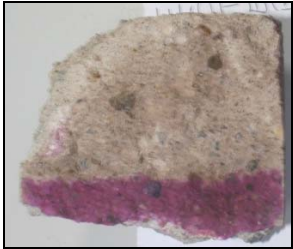
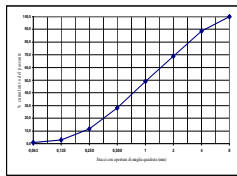
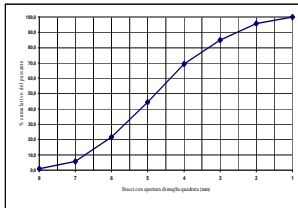
2006	RESEARCH	PALACE OF GENIO CIVILE IN REGGIO CALABRIA		SCBAA, University of Reggio Calabria	Study of reinforced concrete														
	RESEARCH	STRUTTURE VOLTATE IN CAROSELLI PROVINCIA DI REGGIO CALABRIA		PAU Department, University of Reggio Calabria	Characterization and studies of gypsum mortar														
	APPLICATION	STONE (LAZZARO STONE) (REGGIO CALABRIA)		Construction Company	Mineralogical-petrographic characterization of stones		<p>Wt% - Rietveld</p>  <table><thead><tr><th>Mineral</th><th>Wt%</th></tr></thead><tbody><tr><td>Calcite</td><td>43.18 %</td></tr><tr><td>Microcline maximum</td><td>9.8</td></tr><tr><td>Biotite 1M Mica</td><td>2.3 %</td></tr><tr><td>Albite</td><td>12.32 %</td></tr><tr><td>Other</td><td>37 %</td></tr></tbody></table>	Mineral	Wt%	Calcite	43.18 %	Microcline maximum	9.8	Biotite 1M Mica	2.3 %	Albite	12.32 %	Other	37 %
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Other	37 %																		
APPLICATION	CEMETERY CHURCH IN CITTANOVA (REGGIO CALABRIA)		Municipality of Cittanova (RC)	Mineralogical-petrographic characterization of plasters and mortars															


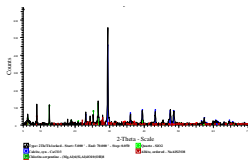


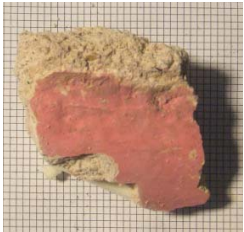
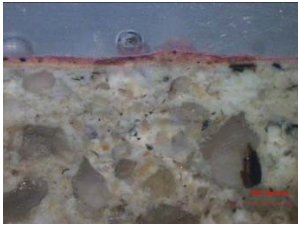





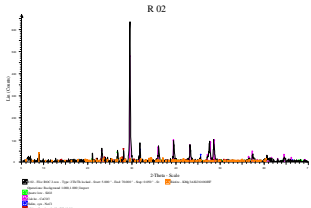
RESEARCH	BUILDINGS OF FIRST '900 IN REGGIO CALABRIA		PAU Department, University of Reggio Calabria	Study of a phenomenon of deterioration of a plaster		
APPLICATION	HISTORICAL CENTER OF MERCOGLIANO (AVELLINO)		Private	Mineralogical-petrographic characterization of plasters and mortars		
RESEARCH	ARCHEOLOGICAL NATIONAL MUSEUM OF REGGIO CALABRIA		PAU Department, University of Reggio Calabria	Study of a phenomenon of deterioration of stone coating		
RESEARCH	NESCI PALACE IN REGGIO CALABRIA		SCBAA, University of Reggio Calabria	Characterization and analysis of degradation of natural stone for facades		

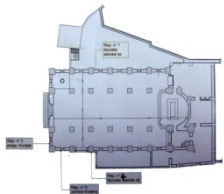
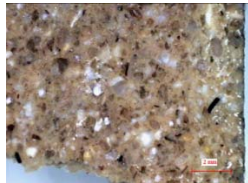
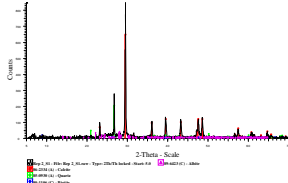
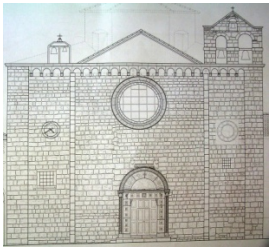



2007	APPLICATION	HISTORICAL CENTER OF PRECACORE, SAMO (RC)		Construction Company	Mineralogical-petrographic characterization of plasters and mortars		
	APPLICATION	CHURCH OF SAINT MARY OF ISLAND IN TROPEA (VV)		Municipality of Tropea (VV)	Mineralogical-petrographic characterization of plasters and mortars		
	APPLICATION	HISTORICAL CENTER OF ATRIPALDA (AVELLINO)		Private	Mineralogical-petrographic characterization of plasters and mortars		
	APPLICATION	CASTEL OF BELCASTRO (CATANZARO)		Construction Company	Mineralogical-petrographic characterization of plasters and mortars		



	APPLICATION	CASTEL OF BOVALINO (REGGIO CALABRIA)		MECMAT Lab., University of Reggio Calabria	Mineralogical- petrographic characterization of plasters and mortars		
	APPLICATION	HISTORICAL CENTER OF FORINO (AVELLINO)		Private	Mineralogical- petrographic characterization of plasters and mortars		
	APPLICATION	BUILDINGS IN REINFORCED CONCRETE OF VILLA S GIOVANNI (REGGIO CALABRIA)		Private	Characterization and study of the composition of hardened concrete		
	APPLICATION	AGGREGATES EXTRACTED FROM BITUMINOUS	MECMAT Lab., University of Reggio Calabria		Characterization of aggregates for bituminous		

	APPLICATION	NATURAL STONES OF BAGNARA (REGGIO CALABRIA)		Private	Mineralogical-petrographic characterization of stones		
	RESEARCH	SIRIGNANO PALACE (NAPOLI)		Private	Study of the degradation of external plaster		
	APPLICATION	WALL IN REINFORCED CONCRETE (REGGIO CALABRIA)		Court of Reggio Calabria	Characterization and possible differentiation of buildings		
2008	APPLICATION	AGGREGATES FOR CONCRETE AND MORTARS (REGGIO CALABRIA)	Construction Company		Analysis by CE UNI EN		

RESEARCH	MESIANO PALACE IB BAGALADI (REGGIO CALABRIA)		PAU Department, University of Reggio Calabria	Mineralogical-petrographic characterization of plasters and mortars		
RESEARCH	CHURCH OF SAINT GIUSEPPE IN ROCCELLA IONICA (REGGIO CALABRIA)		PAU Department, University of Reggio Calabria	Mineralogical-petrographic characterization of plasters and mortars		
APPLICATION	MODERN BUILDINGS (MESSINA)		Private	Analysis of pavements and study of degradation		
APPLICATION	HISTORICAL CENTER OF ROCCELLA IONICA (RC)		PAU Department, University of Reggio Calabria	Analysis of plaster in the old towns		

2009	APPLICATION	STEEL	MECMAT Lab., University of Reggio Calabria		Determination of carbon equivalent (CEV) on samples of steel	$C.E.V = C + \frac{Mn}{6} + \frac{(Cr + Mo + V)}{5} + \frac{(Ni + Cu)}{15}$	
	APPLICATION	CATHEDRAL OF CINQUEFRONDI (REGGIO CALABRIA)		Private	Mineralogical-petrographic characterization of plasters and mortars		
	RESEARCH	CHURCH OF SAINT EUSANIO (L'AQUILA)		PAU Department, University of Reggio Calabria	Mineralogical-petrographic characterization of plasters, mortars and stone		
	APPLICATION	CHURCH OF SAINT ROCCO E IN MELICUCCA' (REGGIO CALABRIA)		Private	Mineralogical-petrographic characterization of plasters, mortars and stone	