

POLITECHNIKA WARSZAWSKA  
WYDZIAŁ INŻYNIERII ŁĄDOWEJ  
**ZAKŁAD INŻYNIERII MATERIAŁÓW BUDOWLANYCH**

LABORATORY EXERCISE REPORT  
**BUILDING MATERIALS 2 - LABORATORY**

**Hydraulic Binders: Cement Binders**

Author:	Group: .....	Semester 3
Tutor:	Stationary studies	Academic Year .....

**1. TASK AIM**

The aim of the task was to .....

.....

**2. TEST RESULTS**

**2.1. STANDARD CONSISTENCE OF CEMENT PASTE (EN 196-3) AND PH OF CEMENT PASTE/MORTAR**

No	Cement mass [g]	Water mass [g]	w/c	Consistence [mm]	pH	Acid/neutral/alkaline
1	500					
2	500					
3	500					
4	500					

**2.2. COMPRESSIVE STRENGTH CLASS OF CEMENT (EN 196-6)**

Mortar composition		c =	g	s =	g	w =	g
Flexural strength			Compressive strength				
Specimen No	F <sub>g</sub> [kN]	R <sub>g</sub> [MPa]	Sample	F <sub>c</sub> [kN]	R <sub>c</sub> [MPa]		
1			1.1				
			1.2				
2			2.1				
			2.2				
3			3.1				
			3.2				

**3. CONCLUSIONS**

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

#### 4. NOTES & CALCULATIONS

.....

.....

.....

.....

.....

.....

.....

.....

.....