



# 金鯉牌複合硅酸鹽水泥

## Gold Carp Brand Composite Portland Cement

### 一. 主要組成 Primary Constituents

金鯉牌複合硅酸鹽水泥主要由硅酸鹽水泥熟料，40~50%粉煤灰和石灰石，適量石膏經粉磨生產而成。

Gold Carp Brand Composite Portland Cement is mainly made up of pulverized Portland cement clinker, 40-50% of pulverized-fuel ash and limestone and a moderate amount of gypsum.

### 二. 產品等級 Product Grade

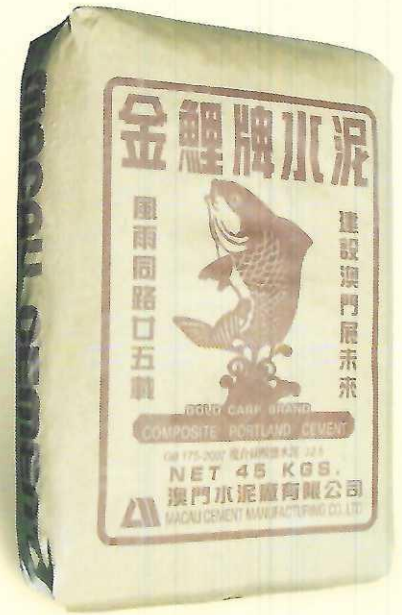
32.5複合硅酸鹽水泥

32.5 Composite Portland Cement

### 三. 性能和用途 Properties and Uses

金鯉牌複合硅酸鹽水泥具有水化熱低，和易性好，泌水性小，乾縮小，耐侵蝕性好等特點。適用於較低強度要求的工業與民用建築，廣泛用於砌築磚石，鋪貼大理石，貼面磚，瓷磚等。

Showing the features of low hydration heat, good workability, little bleeding and shrinkage, excellent corrosion resistance, etc, Gold Carp Brand Composite Portland Cement is available for low-strength-requirement industrial or civil buildings and can be widely applied to brick laying, marble sticking and ceramic tile fixing.



### 四. 主要技術指標 Main technical Parameters

項目 Item	單位 Unit	技術要求 Technical Requirements		測試結果 Test Result
		中國水泥標準 National Cement Standard GB 175-2007		
強度等級 Strength Grade	—	P·C 32.5		
細度 Fineness	%	80 μm 篩餘 Residue (≤10.0%)		0.73
凝結時間 Setting Time	初凝 Initial	min	≥45	185
	終凝 Final	min	≤600	260
安定性 Soundness	—	Qualified		Qualified
抗折強度 Flexural Strength	三天 3 days	MPa	≥2.5	3.5
	二十八天 28 days	MPa	≥5.5	7.0
抗壓強度 Compressive Strength	三天 3 days	MPa	≥10.0	14.9
	二十八天 28 days	MPa	≥32.5	35.5
三氧化硫 SO <sub>3</sub>	%	≤3.5		1.94
氧化鎂 MgO	%	≤6.0		1.71
鹼含量 Alkali Content	%	≤0.60 (Optional Parameter)		0.52
氯含量 Chloride Ion Content	%	≤0.06		0.01
混合材含量 Blend Content	%	20-50		45

使用方法 Application Method:  
(重量比 weight ratio)

	水泥 cement	砂 sand
普通砌築 砂漿 ordinary masonry mortar	1	3.5
普通抹灰 砂漿 ordinary plastering mortar	1	4.5
普通地坪 砂漿 ordinary flooring mortar	1	3

注：以上是在實驗室標準狀態下的配合比，具體配合比請根據工況及摻合料的品質進行調整。  
Note: The above-mentioned proportion is the standard form lab mix which is supposed to be adjusted to the best on the basis of application condition and admixtures quality.