

Section 1 - Product and Company Identification

Product:	Blended Cement (Type IP, Type P)
Use:	Blended Cement is used as a binder in concrete, concrete masonry, mortar and grouts.
Company:	Republic Cement Services Inc. Menarco Tower, 32nd St. Bonifacio Global City, Taguig City, Philippines Tel: +63 2 885 4599 or +63 2 238-9881 Email: customerservice@republiccement.com

Section 2 – TECHNICAL INFORMATION

BLENDED CEMENT

Blended Cement for civil engineering, building applications, and concrete products.

Republic Blended Cements are quality-assured with independent third-party certification and carry a PS Quality Mark. It is produced using sustainable cement technology and a range of formulations with comparable performance.

Section 3 – INGREDIENTS

65-80% Clinker
3-5% Gypsum
3-5% Limestone
3-5% Fly Ash
15-30% Pozzolan

Section 4 – APPLICATIONS

Blended Cement Type IP

Blended Cement Type IP used in general concrete construction. Can be used for Most Concrete Structures such as foundations, columns, walls, slabs, beams and roads.

Blended Cement Type P

For use in General Concrete Construction not requiring high early strength. Ideal for foundations, columns, walls, slabs and beams of one- to two-storey houses.

Refer to the following documents:

- ASTM for Concrete
- ACI 301 Specification for Structural Concrete
- ACI 318 Building Code Requirement for Structural Concrete
- ACI 305 Hot Weather Concreting

Section 5 – PROPERTIES

- Based on sustainable cement technology.
- Grey in colour.
- Consistent strength meeting all the conformity criteria in PNS 63 Specifications for Blended Cement
- Compatible with admixtures such as air-entraining agents and
- workability aids.
- Trial mixes are recommended to determine the optimum mix

Section 6 – CONDITIONS OF USE

- Republic Blended Cement may be used in the range of traditional nominal mixes as for traditional Portland cement.
- Republic Blended Cement should not be mixed with additions or other cement types.
- To achieve optimum performance in concrete or other products, it is essential that Republic Blended Cement is correctly specified and used.

- As with other cements in building work, there is no substitute for good practice and workmanship. It is essential to use the correct materials, proportion and mix the materials properly, add the correct amount of water, compact, cure and protect as appropriate. When using Blended Cement Type IP and Type P , it is particularly important to ensure that effective curing is applied.
- Normal hot and cold weather practice should also be followed.
- The final finish quality of this material will depend upon the operative having the required skills and a familiarity with the material and its application methods.
- Republic Cement cannot be held responsible where workmanship has not been carried out in accordance with good practice.
- Blended Cements are manufactured from natural products, and slight shade variations may occur.
- Blended cements will also have shade variations from differing manufacturing plants.

Section 7 – AVAILABILITY

REPUBLIC BLENDED CEMENT Type IP are available throughout the Philippines in 40-kg bags, while Type P is only available in Visayas Region particularly in the province of Cebu.

Section 8 – TECHNICAL SUPPORT

Further information and specification advice on BLENDED CEMENTS, and the full Republic Cements range, can be obtained from the contacts listed below.

Customer Service Assistance:

Hotline: (02)885-4596

E-mail: customerservice@republiccement.com

Website: www.republiccement.com