

# LAFARGE PACKED PRODUCTS RANGE



Lafarge packed products are developed, manufactured and supplied to the building industry with six fundamental principles in mind. These principles are supported by the supplier Aggregate Industries, part of the LafargeHolcim group.

# ONLY THE BEST PRODUCTS CARRY THE LAFARGE NAME.



## GENERAL PURPOSE CEMENT

General Purpose cement can be used for traditional nominal mixes for all general applications. Available in 25kg paper bags.

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| <b>Features</b>                 | <ul style="list-style-type: none"> <li>▶ 32,5R Portland limestone cement</li> <li>▶ Lower embodied CO<sub>2</sub> than CEM I Portland cement</li> <li>▶ Based on sustainable cement technology containing limestone additions for improved workability and less bleed</li> <li>▶ Store undercover, off the ground, in a dry area</li> </ul> |
| <b>Why use General Purpose?</b> | <ul style="list-style-type: none"> <li>▶ Fully compatible with all standard admixtures such as air-entraining agents, workability aids and waterproofer</li> </ul>  |
| <b>Applications</b>             | <ul style="list-style-type: none"> <li>▶ Good for all above-ground site applications. Ideal for mortars and renders, screeds and DIY applications</li> </ul>  |



## GENERAL PURPOSE + CEMENT

High strength cement for excellent performance. Available in water and tear resistant 25kg plastic packaging for durability.

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|----------------------------------|---|
| <b>Features</b>                  | <ul style="list-style-type: none"> <li>▶ Enhanced 42.5N strength class cement for better performance</li> <li>▶ Based on sustainable cement technology containing limestone additions giving:</li> <li>▶ Less bleeding and segregation</li> <li>▶ Lower embodied CO<sub>2</sub> than CEM I Portland cement</li> </ul>         |
| <b>Why use General Purpose+?</b> | <ul style="list-style-type: none"> <li>▶ Plastic packaging; enables it to be stored outside without risk of deterioration</li> <li>▶ Reduces wastage on site and improves sustainability</li> <li>▶ Fully compatible with all standard admixtures such as air-entraining agents, workability aids and waterproofer</li> </ul> |
| <b>Applications</b>              | <ul style="list-style-type: none"> <li>▶ Ideal for all above-ground site applications, including concrete, mortar, render and screeds</li> </ul>  |



## SULFATE RESISTANT

Portland-fly ash cement with a high sulfate resistance\* and a moderate heat of hydration conforming to BS EN 197-1 CEM II/B-V 42,5N. Available in 25kg paper bags.

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| <b>Features</b>                   | <ul style="list-style-type: none"> <li>▶ Recommended for use in below ground applications</li> <li>▶ Ideal for use where sulfates are present</li> <li>▶ Reduced alkali and water demand</li> <li>▶ Enhanced long term strength performance</li> <li>▶ Better resistance to chloride ingress and aggressive environments than Portland cement (CEM I)</li> <li>▶ Plastic packaging allows product to be kept outside with reduced risk of deterioration</li> </ul> |
| <b>Why use Sulfate Resistant?</b> | <ul style="list-style-type: none"> <li>▶ Resistant to sulfate attack on concretes, grouts and mortars</li> <li>▶ Suitable for use in virtually all sulfate conditions† as defined in BS 8500 and BRE Special Digest 1</li> </ul>   |
| <b>Applications</b>               | <ul style="list-style-type: none"> <li>▶ For use in below ground or where enhanced durability is required. Ideal for concrete and mortars</li> </ul>   |



## POSTMIX

Premixed ready to use product composed of a selected blend of cements and aggregates intended for domestic use. Available in 20kg plastic packaging.

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|-------------------------|---|
| <b>Features</b>         | <ul style="list-style-type: none"> <li>▶ Plastic packaging enables it to be stored outside with reduced risk of deterioration</li> <li>▶ No mixing required, just add to water</li> </ul>   |
| <b>Why use Postmix?</b> | <ul style="list-style-type: none"> <li>▶ Sets in 5-10 minutes and then hardens rapidly</li> <li>▶ Allows quick fence panel hanging in around 30 minutes</li> <li>▶ Postmix has a shelf life of 12 months</li> </ul>                     |
| <b>Applications</b>     | <ul style="list-style-type: none"> <li>▶ Postmix fixes all types of wood, metal and concrete posts in all types of soil</li> <li>▶ Postmix should only be used for fixing posts and should not be used for any other purpose</li> </ul> |



## SUPER WHITE CEMENT

High early and 28 day 52,5R strength cement. Available in 25kg paper bags.

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|------------------------------------|--|
| <b>Features</b>                    | <ul style="list-style-type: none"> <li>▶ Bright white colour</li> <li>▶ Can be used for traditional nominal mixes for all general applications</li> <li>▶ Does not contain any pigments</li> <li>▶ Compatible with all standard admixtures</li> <li>▶ Store undercover, off the ground, in a dry area</li> </ul> |
| <b>Why use Super White cement?</b> | <ul style="list-style-type: none"> <li>▶ Used in exactly the same way as grey Portland cements and can be used with coloured pigments as required</li> <li>▶ Provides attractive, light coloured, natural looking concrete</li> </ul>  |
| <b>Applications</b>                | <ul style="list-style-type: none"> <li>▶ Ideal for cast stone, architectural precast concrete, paving slabs, street furniture and terrazzo flooring</li> </ul>   |



## RAPID SET CEMENT

Lafarge Rapid Set cement is a quality BS EN 197-1 cement ideal for applications that require a fast setting, low shrinkage cement for screeds and renders. Available in 25kg paper bags.

<b>Features</b>	<ul style="list-style-type: none"><li>▶ Fast setting: Sets in 3 hours. Screeds can accept foot traffic after 3 hours. Bonded screeds and renders can be tiled with ceramic tiles after 4 hours</li><li>▶ Quality assured cement which carries a CE Mark</li><li>▶ Rapid strength cement for applications that require fast setting and high strength</li></ul>
<b>Why use Rapid Set cement?</b>	<ul style="list-style-type: none"><li>▶ A fast setting cement specially formulated for mixing with sand and water</li><li>▶ Water and frost resistant when set</li><li>▶ Suitable for use in dry and wet installations including swimming pools. Not suitable to wearing surfaces</li></ul>
<b>Applications</b>	<ul style="list-style-type: none"><li>▶ Ideal for preparing wall and floor surfaces prior to installing most tile types<ul style="list-style-type: none"><li>• Screed • Render</li></ul></li></ul>



## HYDRATED LIME

A high calcium, non hydraulic, hydrated lime. Available in 25kg paper bags.

<b>Features</b>	<ul style="list-style-type: none"><li>▶ Fine, white, dry powder which lightens and brightens mortars</li><li>▶ BS EN 459-1 CL90-S</li><li>▶ Store undercover, off the ground, in a dry area</li></ul>
<b>Why use Hydrated Lime?</b>	<ul style="list-style-type: none"><li>▶ Improves the workability, cohesiveness and water retention of Portland cement mortars and renders</li></ul>
<b>Applications</b>	<ul style="list-style-type: none"><li>▶ Used for traditional nominal mixes for mortars and renders in conjunction with standard Portland based cements or in lime-washes without cement</li></ul>



## HIGH STRENGTH CEMENT

Lafarge High Strength cement is a quality BS EN 197-1 CEM I 52,5N Portland cement ideal for reliable strength and performance. Available in 25kg paper bags.

<b>Features</b>	<ul style="list-style-type: none"><li>▶ EN 197-1 CEM I Portland cement</li><li>▶ Quality assured cement which carries a CE Mark</li><li>▶ High strength cement for applications that require increased early strength development and higher strength</li></ul>
<b>Why use High Strength cement?</b>	<ul style="list-style-type: none"><li>▶ Can be used for traditional nominal mixes for all general applications that require a high strength cement solution</li><li>▶ Fully compatible with all standard admixtures such as air-entraining agents, workability aids, pigments and cement replacement materials such as fly ash and ground granulated blast furnace slag</li></ul>
<b>Applications</b>	<ul style="list-style-type: none"><li>▶ Ideal for precast concrete, civil and groundwork applications<ul style="list-style-type: none"><li>• Mortars • Piling • Concreting • Renders</li><li>• Grouting • Screeds • Precast</li></ul></li></ul>



## CONCRETE MIX

Premixed ready to use application composed of a blend of cement and aggregates. Available in 20kg plastic packaging.

<b>Features</b>	<ul style="list-style-type: none"><li>▶ No mixing required, just add water</li><li>▶ Contains 10mm aggregate and graded sand</li></ul>
<b>Why use Concrete Mix?</b>	<ul style="list-style-type: none"><li>▶ 28 day strength 40N/mm<sup>2</sup></li></ul>
<b>Applications</b>	<ul style="list-style-type: none"><li>▶ Ideal for small concrete jobs, paths, steps, patios, slabs and shed bases</li></ul>

## HYDRAULIC LIME

Hydraulic Lime 3.5N is a quality BS EN 459-1:2015 moderately hydraulic lime produced to available in 25kg paper bags.

<b>Features</b>	<ul style="list-style-type: none"><li>▶ Improved workability</li><li>▶ Good water retention</li><li>▶ High bond and low shrinkage for reduced cracking</li><li>▶ Sulfate resistant</li><li>▶ Excellent freeze thaw properties</li></ul>
<b>Why use Hydraulic Lime?</b>	<ul style="list-style-type: none"><li>▶ Hydraulic Lime is ideal for use in restoration, renovation and conservation work</li></ul> <p><b>NHL 3,5:</b> A moderately hydraulic lime suitable for general-purpose use for mortar/pointing/rendering of most masonry types. <b>NHL 5:</b> An eminently hydraulic lime suitable for use in masonry pointing, capping, foundations, seal defences and new build construction. Our products contain no additives, mineral additions or Portland cement and are quality assured to EN 459-1: Natural Hydraulic Limes with independent third-party certification. They also carry a CE Mark.</p>
<b>Applications</b>	<ul style="list-style-type: none"><li>▶ Sand mortar, cement and lime plaster</li></ul>

## MORTAR MIX

Premixed ready to use mortar composed of a selected blend of cement, lime and aggregates for laying all types of brick and block. Available in 25kg plastic packaging.

<b>Features</b>	<ul style="list-style-type: none"><li>▶ Plastic packaging enables the product to be stored outside, next to bricks and blocks</li><li>▶ No mixing required, just add water.</li></ul>
<b>Why use Mortar Mix?</b>	<ul style="list-style-type: none"><li>▶ Highly workable buttery mix obtained every time, long board life</li><li>▶ Quality Assured Mortar Mix</li></ul>
<b>Applications</b>	<ul style="list-style-type: none"><li>▶ General purpose mortar used for laying bricks and block</li></ul>

\*Can be classified as CEM II/B-V+SR when used in accordance with BS 8500 and BRE SD1  
†Except DC4M



# PATCHMAC™

Patchmac is designed for the repair of paths, drives and other road surfaces. Available in 25kg plastic bags.

- Features**
- ▶ Based on a formulation of Bitumen, Flux Oil and Limestone, Patchmac is manufactured to British Standard 4987
  - ▶ One 25kg bag (pail) will repair an area of approx 0.75m<sup>2</sup> to a depth of 20mm final thickness
  - ▶ For a final thickness of 20mm the product needs to be spread 25mm thick prior to compaction

- Why use Patchmac?**
- ▶ Black in texture, Patchmac will give an open textured surface that is moderately permeable

- Applications**
- ▶ Ideal for the repair of paths, drives and other road surfaces. Before use it is best to leave the product in the sun for a few hours to help workability (or keep the product under cover in cold weather). Empty the bag onto the surface to be repaired and “decompact” (the product will have a viscous crumbly texture). Use a rake to spread the Patchmac to the desired thickness



# KILN DRIED SAND

Kiln dried sand is a ready-to-use clean, fine, dry sand for brushing into joints of paving to help prevent movement while still allowing drainage. Available in 25kg plastic bags.

- Features**
- ▶ EW80 Kiln dried sand ranges in size from 0.50 to 0.063mm
  - ▶ Water absorption rate of 0.1%
  - ▶ A fine dried silica sand designed around the American Foundry Society number 80 (AFS 80)

- Why use Kiln Dried Sand?**
- ▶ Primarily used to fill the joints of block paving and paving slabs to help keep the structure of the paving rigid and strong. This stops the paving bricks or slabs moving and becoming loose

- Applications**
- ▶ Kiln Dried Paving Sand can be brushed into the joints of block paving and patios to prevent movement and ensure drainage





## INNOVATION

Through continual research and development with builders and builders' merchants, Lafarge has an unrivalled track record for customer focused innovation in cement products. We benefit from the resources and capabilities of a highly skilled research and development team, based in the UK, looking at bringing together our products with the latest technology and innovation. Plus, being a part of the global LafargeHolcim group, we benefit from extensive knowledge transfer and investment to continually develop innovation solutions.

## RELIABILITY

We have the capacity to produce 2 million bags of cement each month, ensuring you have a reliable supply throughout the UK whether you need one bag or a whole pallet. And to help you throughout the process, we are committed to offering excellent customer service. The dedicated team are available to provide technical support and help you choose the right product for the job.

## HISTORY

We are part of the LafargeHolcim group, which employs 80,000 people and have a strong asset base in more than 80 countries. Lafarge Cement joined Aggregate Industries UK Ltd on 20th July 2015. Aggregate Industries quarries, manufactures and supplies a wide range of heavy building materials to the construction industry and with the cement business now offers a complete solution.

## QUALITY

Our customers, and our customers' customers, will never be let down by the quality of our product. Our team of technical experts around the world ensure that our cement products are always manufactured to the highest standards. A fact borne out by the third party accreditations our products carry. And of course, all our cement products carry the CE mark and meet EN 197-1 the European standard for cement.

## HEALTH & SAFETY

Nothing is more important to Lafarge than the safety of our workforce and customers. As part of our ongoing health and safety strategy we continually strive to improve all areas of our business working towards the ultimate goal of zero harm at all our facilities.

As you would expect from a company with health and safety as its number one priority, all our operations are certificated and maintained to OHSAS 18001:2007. Our health and safety policy documents our commitment towards health and safety for all employees, subcontractors, visitors and third party workers.

## SUSTAINABILITY

As a major supplier of building materials to the construction industry we are conscious of the impact our products have on people, the environment and the economy. We exhibit leadership in our sector through the development of products and services that address a wide range of issues such as resource consumption, water management and carbon footprint.

We are aware of our social responsibilities in trading with organisations around the world. In this light we support the ETI Base Code and have drawn up a policy and code of practice to ensure that we fulfil our obligations and responsibilities. Plus, we operate an Environmental Management System which complies with the requirements of ISO 14001:2004.

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