

dunbrik flues	Dunbrik Dunfil Aggregate	Product safety data sheet
Description	Brown kiln-burnt aggregate material of varying particle size in 20kg bag with 2kg bag of Portland cement	
Physical properties	Dark brown kiln-burnt aggregate and fine dust particles. Odourless. Negligible solubility in water. Specific gravity 1.5 to 2.2. Composition: Silicon oxide SiO ₂ , Aluminium oxide Al ₂ O ₃ , Iron oxide Fe ₂ O ₃ . Small quantities of other chemicals fused within the glassy structure.	
Composition	Manufactured from granulated and fine particle burnt fuel ash and containing principally silica, alumina & iron oxide with small quantities of other chemicals.	
Hazards identification	The fine particles may become airborne and inhaled. When mixed with the cement into a mortar, the paste has alkaline properties as described in the Lafarge Blue Circle Cement safety data sheet for portland cement.	
Handling & storage	Read the instructions before use. Keep in plastic bags until needed. Add water before mixing with cement to reduce dust.	
Spillage & leak	Avoid dry sweeping of any spillage. Water spray or vacuum systems are recommended.	
Waste disposal	The material is chemically inert but should be disposed of in accordance with local authority requirements.	
Stability & reactivity	Stable in normal use.	
Fire & explosion	The aggregate is not flammable.	
Toxicity data	When mixed with cement into a paste the hazards associated with cement paste are significant and are detailed in the Lafarge Blue Circle Cement safety information sheet for Portland cements.	
Labeling	Labelling in accordance with directive 88/379/EEC	
Emergency and first aid procedure		
Skin contact	Use mixing tools and wear rubber gloves when handling the materials or mortar paste.	
Eye contact	Eye protection should be a dust-tight type conforming to BSEN166. If product comes in contact with eyes, wash immediately with plenty of clean water. Seek medical advice if the particles cannot be removed by this method.	
Inhalation	Avoid inhalation of dust. Wear dust masks to BS2091, type B in enclosed spaces where adequate ventilation is not provided. Keep total dust exposures below 10mg/m ³ and respirable dust below 5mg/m ³ . If irritation occurs move to fresh air. If nose or airways become inflamed seek medical advice.	
Ingestion	Avoid ingestion. Swallowing small amounts is unlikely to cause any significant reaction. Large amounts could block the airways or gullet or irritate the gastro-intestinal tract. If ingested seek medical advice.	
<p>This information is based upon our present state of knowledge and is intended to describe our product from the point of view of safety requirements; it is not therefore to be construed as guaranteeing specific properties.</p> <p style="text-align: center;">Dunbrik (Yorks) Ltd - Ferry Lane, Stanley, Wakefield, WF3 4LT - Tel: 01924 373694</p> <p style="text-align: center;">email: tech@dunbrik.co.uk web: www.dunbrik.co.uk</p>		