



IKO PLC  
Technical & Design Services – Roofing  
Coney Green Road, Clay Cross, Chesterfield,  
Derbyshire, S45 9HZ  
Tel: 0844 412 7228 Fax: 0844 412 7229  
E-Mail: technical@ikogroup.co.uk

# Chipping Compound

02401910



www.ikogroup.co.uk

## ADHESIVE FOR THE BONDING OF CHIPPINGS

### DESCRIPTION:

- Chipping Compound is designed for use on flat roofs to adhere mineral aggregates such as gravel, white spar, limestone or granite chippings to mastic asphalt or built up bitumen felt roofing.
- Chippings may be fixed for aesthetic reasons, or to provide a solar reflective surface. Light coloured aggregates significantly reduce solar heat gain, limiting surface temperatures, and act as an effective barrier against the harmful effects of ultra violet radiation. The thermal property coupled with the weight of the chippings is often sufficient to minimize blister formation, and enhance the life of the roof waterproofing.
- Chippings fixed to roofing systems act as a heat sink, they slow temperature changes and reduce temperature variations, particularly important when protecting waterproof membranes installed over efficient insulation from thermal shock in extreme cold weather.
- The loads imposed by chippings can provide security against wind uplift. Roof chippings fixed in Chipping Compound in accordance with the requirements of BS8217:2005 will give sufficient weight to prevent wind damage in most roofing specifications.
- Built up bitumen roofing on decks comprising of timber, plywood, OSB3, concrete, steel or aluminium is deemed to give a notional Ext FAA designation when tested to BS 476 Part 3:2004 Exterior Fire Exposure Roof Test, provided the surface is covered to a depth of not less than 12.5mm with chippings bedded in Chipping Compound.

### APPLICATION:

- Application temperature should be between +3 and +27°C.
- Surfaces to which Chipping Compound is applied should be dry, clean and free from loose sand or any other contaminant, which may impair adhesion. The Chipping Compound is tolerant of damp conditions but application should not be made to saturated surfaces or those covered with a film of water.
- If moss or lichen is present this must be removed and the surface treated with IKOpro Moss Remover in accordance with its application instructions.
- Highly absorbing and bitumen substrates should be treated first with IKOpro Fast Dry Primer.
- Rainwater outlets should be capped with a suitable grating, positioned prior to application of the Chipping Compound, preventing excess aggregate blocking outlets during installation.
- Apply Chipping Compound by brush or squeegee. Clean, washed and dry single sized aggregates should be immediately spread into the adhesive from a vertical position. Take care to ensure chippings do not roll becoming covered with adhesive, as this will severely reduce the reflective qualities of the aggregate.
- Where possible the chippings should be lightly rolled and surplus chippings brushed off once the adhesive has fully dried.
- Avoid use when rain is expected shortly after application. Drying times may be extended in low temperatures.

### COVERAGE:

- 1.8m<sup>2</sup>/L for 3mm to 9mm chippings
- 1.3m<sup>2</sup>/L for 10mm to 14mm chippings

### CLEANING:

- White Spirit

### PACKAGING:

- 25L can.

### STORAGE:

- Containers should be kept sealed in a cool, dry, well ventilated environment and all practical precautions taken against fire. Partly used containers may be resealed and used again after correct storage. To avoid the risk of spillage, always store and transport in a secure upright position.

### SHELF LIFE:

- Up to 2 years when stored as recommended.

### HEALTH AND SAFETY:

- Keep container tightly sealed and away from direct heat. Keep away from sources of ignition. No smoking. Avoid contact with skin and eyes. Should there be contact with skin, wash immediately with soap and water or a recognised skin cleaner. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In the event of accidents, seek medical attention immediately. Do not empty into drains. Do not allow solvent vapor to enter the air intakes of the ventilation systems of buildings.

### FIRE:

- In case of fire, use foam, dry powder, carbon dioxide or sand. Never use water jet.

