

# CELLFOAM JOINT FILLER

## COMPRESSIBLE INORGANIC POLYETHYLENE JOINT FILLER IN SHEET FORM

### PRODUCT DESCRIPTION

CELLFOAM IS A HIGH PERFORMANCE INORGANIC POLYETHYLENE JOINT FILLER IN SHEET FORM. IT IS SUITABLE FOR USE AS AN EXPANSION JOINT FILLER IN CONCRETE, BRICK, BLOCK WORK AND ISOLATION JOINTS WHERE A COMPRESSIBLE LOW LOAD JOINT FILLER IS REQUIRED. CELFOAM IS NON-ROTTING AND ALSO SUITABLE FOR WATER RETAINING ENVIRONMENTS.

### BENEFITS AND ADVANTAGES

- \* INORGANIC STRUCTURE
- \* COMPRESSIBLE WITH EXCELLENT RECOVERY AFTER COMPRESSION
- \* NON-ROTTING
- \* NON EXTRUDING
- \* INDEPENDENTLY TESTED FOR PERFORMANCE
- \* NON-TAINING AND RESILIENT
- \* FACTORY CONTROLLED THICKNESS
- \* EASY TO INSTALL

### COMPOSITION

INORGANIC NON-ROTTING POLYETHYLENE JOINT FILLER IN SHEET FORM. WHITE IN COLOUR.

### TYPICAL APPLICATIONS

CELFOAM CAN BE USED IN THE FOLLOWING TYPICAL APPLICATIONS : STRUCTURAL EXPANSION JOINTS IN CONCRETE, BRICK AND BLOCK WORK, PARKING APRONS, CONCRETE FLOORS, BRIDGES, RUNWAYS, RETAINING WALLS, CONCRETE ROADS, WALKWAYS, CONCRETE PAVEMENTS, BASEMENT STRUCTURES, RESERVOIRS, IRRIGATION CHANNELS, SWIMMING POOLS , ETC,

### SPECIFICATION TYPES

HK GENERAL SPECIFICATION FOR CIVIL ENGINEERING WORKS VOLUME 2, APPENDIX 16.3. 1992 & CLAUSE 2630, SPECIFICATION FOR ROAD AND BRIDGE WORKS. THE UNITED KINGDOM DEPARTMENT OF ENVIRONMENT.

HONG KONG HOUSING AUTHORITY RAP 2 T 640.3 & T650.3.

UK DEPARTMENT OF ENVIRONMENT SPECIFICATION FOR ROAD AND BRIDGE WORKS, CLAUSE 2630.

### SPECIFICATION CLAUSE

THE JOINT FILLER AS DETAILED SHALL BE CELLFOAM AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS

## APPLICATION

CELLFOAM IS EASILY INSTALLED AGAINST EXISTING CONCRETE OR FORMWORK, AT COLUMNS AND AGAINST ADJACENT STRUCTURES OR FLAT WORK PRIOR TO THE CONCRETE POUR. A PVA BONDING AGENT, CONTACT ADHESIVE, MULTIPRUF CONTACT ADHESIVE, MULTIPRUF BITUMEN ADHESIVE PAINT OR NAILS CAN BE USED TO HOLD CELLFOAM IN PLACE UNTIL CONCRETING HAS BEEN COMPLETED. A SEALANT SLOT CAN BE FORMED BY PLACING ON TOP OF THE CELLFOAM A STRIP OF CELLFOAM OR SOFT WOOD WHICH CAN BE REMOVED AT A LATER STAGE.

CELLFOAM ALSO ACTS AS A BOND BREAKER BETWEEN THE SEALANT AIDING CORRECT MOVEMENT OF THE SEALANT WITHIN THE JOINT INTERFACE

## TYPICAL PROPERTIES

TYPE	: INORGANIC
COLOUR	: WHITE
SERVICE TEMPERATURE	: - 40 DEG C + 70 DEG C
WEATHERING TEST	: NO DISINTEGRATION PASS
EXTRUSION TEST	: PASS
RECOVERY AFTER 50% COMPRESSION	: IN EXCESS OF 90%
REDUCTION IN MASS	: PASS

## PACK SIZE

CELLFOAM IS SUPPLIED IN PRE-FORMED EASY TO CUT SHEETS EACH MEASURING 1,000 X 1,000 MM IN A RANGE OF DIFFERENT THICKNESSES. THE THICKNESS OF EACH SHEET IS FACTORY CONTROLLED.

CELLFOAM IS AVAILABLE IN THE FOLLOWING SHEET SIZES :

10 MM X 1,000 MM X 1,000 MM  
15 MM X 1,000 MM X 1,000 MM  
20 MM X 1,000 MM X 1,000 MM  
25 MM X 1,000 MM X 1,000 MM  
50 MM X 1,000 MM X 1,000 MM

OTHER SHEET SIZES AND THICKNESSES ARE AVAILABLE BY REQUEST.

CELLFOAM SHOULD BE LAID FLAT AND STORED UNDER COVER.

## HEALTH AND SAFETY

THERE ARE NO HEALTH HAZARDOUS ASSOCIATED WITH CELLFOAM IN NORMAL USE.

THE INFORMATION CONTAINED IN THIS DATA SHEET IS TO THE BEST OF OUR KNOWLEDGE CORRECT. HOWEVER THIS IS NOT IMPLIED AS A GUARANTEE AS THE APPLICATION IS BEYOND OUR CONTROL.