


PRODUCT NAME:

HAND HELD FOAM

PRODUCT CODE/S:

HHF

KEY FEATURES:

THE ONE-COMPONENT POLYURETHANE FOAM CURES UNDER THE INFLUENCE OF HUMIDITY CONTAINED IN THE AIR AND IS CHARACTERIZED BY A HOMOGENEOUS, FINE-CELLULAR STRUCTURE. THE FOAM IS PRODUCED IN A PLANT WITH THE QUALITY MANAGEMENT SYSTEM ISO 9001:2015 IMPLEMENTED.

DETAILS:
SURFACE PREPARATION

- THE FOAM PRESENTS ADHESION TO TYPICAL CONSTRUCTION MATERIALS, SUCH AS: BRICK, CONCRETE, PLASTER WORK, WOOD, METALS, STYROFOAM, HARD PVC AND RIGID PUR.
- THE WORKING SURFACE SHOULD BE CLEANED AND DEGREASED.
- THE WORKING SURFACE SHOULD BE SPRINKLE WITH WATER (WITH GARDENING SPRINKLER FOR EXAMPLE).
- SECURE SURFACES EXPOSED TO ACCIDENTAL FOAM CONTAMINATION.

BENEFITS

- DECREASED FOAM VOLUME INCREASE (POSTEXPANSION)
- DECREASED FOAM PRESSURE
- STANDARD FOAM YIELD
- STANDARD FOAM FLAMMABILITY
- NO APPLICATION OF FOAM MULTIPositionING
- STANDARD FOAM ADHESION TO SURFACE

RECOMMENDED USES

- FILLING FREE SPACES, CRACKS, GAPS, PIPE PENETRATIONS
- SEALING ROOF, WALL AND FLOOR JOINTS

TRANSPORT TEMPERATURE	Foam transport
< -20°C	4
-19°C ÷ -10°C	7
-9°C ÷ -0°C	10

Nominal capacity / volume / size	Colour	BAR Code
750 ml	off white	5391361800008

PARAMETER (+23°C/50% RH)	Value
FULL CURE TIME (RB024) [H]	24
CUTTING TIME (EN 17333-3:2020). THE RESULT GIVEN FOR A FOAM STRIP OF 3CM DIAMETER [MIN]	≤ 40
FLAMMABILITY CLASS (DIN 4102)	B3
Flammability class (EN 13501-1:2008)	F
Dimensional stability (EN 17333-2:2020) [%]	≤ 5
Heat conductivity coefficient () (RB24) [W/mK]	0,036
Secondary increase in volume (post-expansion) (EN 17333-2:2020) [%]	60-90
Capacity (free foaming) (RB024) [l]	31-36
Capacity in gap (The value given for a gap with dimensions 35*1000*35 (width *length *depth [mm])) (RB024) [l]	22-28
Skin formation time (EN 17333-3:2020) [min]	≤ 10
Certification O2	O2
Certification M1	M1
Compressive stress at 10% relative deformation [PN-EN 826:2013] [kPa]	≥ 9
Tensile strength perpendicular to frontal surfaces [PN-EN 1607:2013-07] [kPa]	≥ 30
Compressive strength [PN-EN 1607:2013-07] [kPa]	≥ 20
Adhesion of the foam applied at +5°C to the wood substrate [PN-EN 1607:2013] [kPa]	≥ 45
Adhesion of foam applied at the temperature of +5°C to the steel substrate [PN-EN 1607:2013] [kPa]	≥ 40
Adhesion of foam applied at +5°C to the cellular concrete substrate [PN-EN 1607:2013] [kPa]	≥ 65
Adhesion of foam applied at +5°C to the expanded clay substrate [PNEN 1607:2013] [kPa]	≥ 70
Adhesion of foam applied at +30°C to the wood substrate [PN-EN 1607:2013] [kPa]	≥ 27
Adhesion of foam applied at +30°C to the steel substrate [PN-EN 1607:2013] [kPa]	≥ 45
Adhesion of foam applied at +30°C to the cellular concrete substrate [PN-EN 1607:2013] [kPa]	≥ 60
Adhesion of foam applied at +30°C to the expanded clay substrate [PNEN 1607:2013] [kPa]	≥ 55
Thermal resistance (after curing) [°C]	-40-+9

STANDARDS

ISO 9001:2015