BUILDING TRUST

HOJA DE DATOS DEL PRODUCTO

Sika Boom®-584

PROFESSIONAL ONE-COMPONENT POLYURETHANE FOAM FOR BONDING ROOF TILES

DESCRIPCION DEL PRODUCTO

Sika Boom®-584 an adhesive polyurethane foam for application with SikaBoom Dispenser gun, specifically for bonding roof tiles and pantiles. Sika Boom®-584 is designed for the fastening and sealing roof tiles and pantiles, replacing the use of mortars, which increase the construction time and weight of roofing. It can be used on uneven substrates thanks to its ability to expand and fill voids and has a strong initial setting that allows for quick and easy application.

CARACTERISTICAS / VENTAJAS

- Precise and fast extrusion by professional SikaBoom Dispenser gun
- High yield (up to 55L)
- Durable bonding of roof tiles, pantiles and panels
- Excellent adhesion to most building materials
- Excellent ageing and wind resistance
- Excellent thixotropy
- Reduced post-expansion
- Not contains harmful gases for the ozone layer

USOS

- Fastening and bonding of roof tiles and pantiles
- Filling the voids and roof's little cavities
- For outdoor and indoor applications

INFORMACION DEL PRODUCTO

Base Química	One-component hygro-hardening polyurethane foam	
Presentación	Canister of 750 ml	boxes of 12 pieces
Color	Pink	
Conservación	12 months from production date	
Condiciones de Almacenamiento	The ideal storage temperature for the product is between +5°C and +30°C. Storage at different temperatures may reduce the shelf life. Containers should be stored upright, in a protected place, away from moisture, frost and heat.	
Densidad	~21 kg/m3	(ASTM D1622)
Resistencia a Compresión	~0,03 MPa	(DIN 53421)
Resistencia a Cortante	~780 N/cm²	
Reacción al Fuego	B3	(DIN 4102-1)
Conductividad Térmica	0,036 W/m•K (at +20°C)	(DIN 52612)
Temperatura de Servicio	-40°C / +100°C	

Rendimiento	~55 L (free expansion) ~14 m2 of bonded roof tiles with one can	(ASTM C1536)
Temperatura del Producto	best at +20°C	
Temperatura Ambiente	0°C / +30°C Application at low temperatures reduces the yield and slows down the hardening of the product	
Tiempo de Curado	24h	
Tiempo de Corte	~30 minutes	

NOTAS

Todos los datos técnicos indicados en estas Hojas de Datos de Producto están basados en ensayos de laboratorio. Las medidas reales de estos datos pueden variar debido a circunstancias más allá de nuestro control.

USOS

- Moisture is necessary for the hardening of the foam. Insufficient humidity can lead to subsequent unwanted expansion of the foam (post-expansion).
- Do not use for structural fixings
- The product does not adhere to polyethylene (PE), polypropylene (PP), polytetrafluoroethylene (PTFE / Teflon) and silicone, oil, grease or strippings.
- Do not apply in the presence of fire or on incandescent surfaces.
- The foam is not UV resistant. Exposure to UV rays leads to rapid degradation of the foam.
- The cylinder is under pressure. Do not press the valve with excessive force. Do not expose to temperatures above +50°C. Avoid exposure to the sun.
- Do not throw away the container until it is completely empty.
- Never clean the nozzle with hard objects.

ECOLOGIA, SEGURIDAD E HIGIENE

For information and advice for correct and safe handling, storage and disposal of products chemicals, users must refer to the most recent version of the Safety Data Sheet, containing physical, ecological, toxicological and other related data to safety.
Reglamento (CE) nº 1907/2006 (REACH) - Formación obligatoria.
A partir del 24 Agosto de 2023, se requiere una formación adecuada antes del uso industrial o profesioal de este producto. Para más información y enlace a la capacitación, visite www.sika.com/pu-training

REGULACIÓN (EC) Nº 1907/2006 - REACH

Since August 24, 2023, adequate training is required before industrial or professional use of this product. For more information visit the link www.sika.com/pu-training.

INSTRUCCIONES DE APLICACION

PREPARACION DEL SOPORTE

The substrate must be clean, compact, solid, free from oils, traces of vegetation, dust and crumbly or loose parts. Any poorly adhering paint, cement laitance and any pollutants must be removed. The product adheres without the need for primers and/or activators most building materials. On unknown substrates it is recommended to carry out a preliminary adhesion test. In order to improve adhesion, smooth substrates can be roughened.

APLICACIÓN

When Sika Boom®-584 is used for bonding vertical building elements, they must be temporarily supported until the product has developed sufficient resistance to support them. Shake the canister at least 20 times before use. Repeat the operation after long interruptions. Remove te cap and screw the cylinder firmly onto the thread of the SikaBoom Dispenser gun. The quantity of extruded foam is regulated by the pressure exerted on the trigger of the gun and based on the appropriate flow adjustment screw. Distribute the foam while keeping the can upside down. Apply two curbs (on the long sides of the tiles) with a thickness of approximately 3 cm in Ø, on the previously slightly wetted support and position the roof tile/pantiles within 3-5 minutes. Press lightly and position the roof tiles/pantiles. Do not move and reglue the tiles after the foam has begun to harden. If it is necessary to remove and reglue items, reapply the foam as previously described.The times indicated above are referred to 23°C/50% r.h. These times shorten as the temperature/humidity increases, and they lengthen as the temperature/humidity drops. Before removing the cylinder from the gun, extrude the remaining contents into a suitable container for disposal. Removing a cylinder that is not completely empty can cause product spills. Clean the gun with Sika Boom®-108 Foam Cleaner immediately after use. Otherwise it could damage to the dispensing nozzle.

LIMPIEZA DE HERRAMIENTAS

Immediately remove all stains or foam residues from the SikaBoom Dispenser gun until fresh using SikaBoom®-108 Foam Cleaner. Cured foam can only be removede mechanically.

RESTRICCIONES LOCALES

Tenga en cuenta que como resultado de las regulaciones locales específicas, el funcionamiento del producto puede variar de un país a otro. Por favor, consulte la Hoja de Datos de Producto local para la descripción exacta de los campos de aplicación.

NOTAS LEGALES

Esta información y, en particular, las recomendaciones relativas a la aplicación y uso final del producto, están dadas de buena fe, basadas en el conocimiento actual y la experiencia de Sika de los productos cuando son correctamente almacenados, manejados y aplicados, en situaciones normales, dentro de su vida útil y de acuerdo con las recomendaciones de Sika. En la práctica, las posibles diferencias en los materiales, soportes y condiciones reales en el lugar de aplicación son tales, que no se puede deducir de la información del presente documento, ni de cualquier otra recomendación escrita, ni de consejo alguno ofrecido, ninguna garantía en términos de comercialización o idoneidad para propósitos particulares, ni obligación alguna fuera de cualquier relación legal que pudiera existir. El usuario debe ensayar la conveniencia de los productos para la aplicación y la finalidad deseadas. Sika se reserva el derecho de modificar las propiedades de sus productos. Se reservan los derechos de propiedad de terceras partes. Los pedidos son aceptados en conformidad con los términos de nuestras vigentes Condiciones Generales de Venta y Suministro. Los usuarios deben conocer y utilizar la versión última y actualizada de las Hojas de Datos de Productos, copias de las cuales se mandarán a quién las solicite.

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