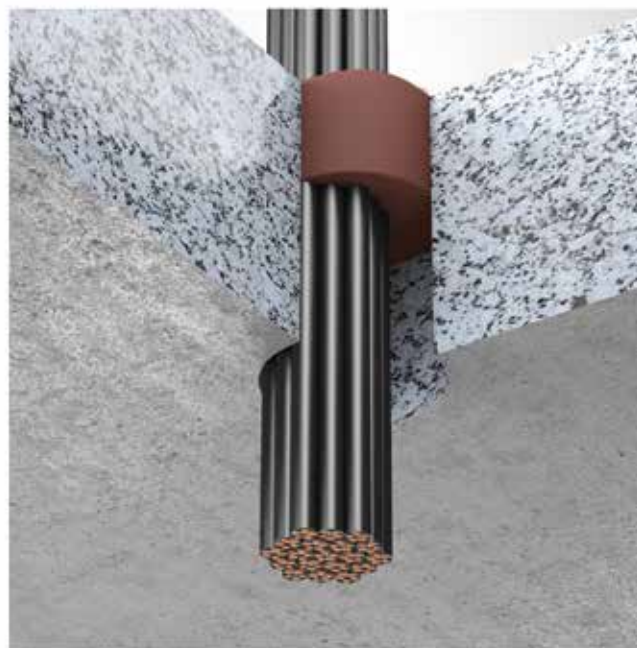
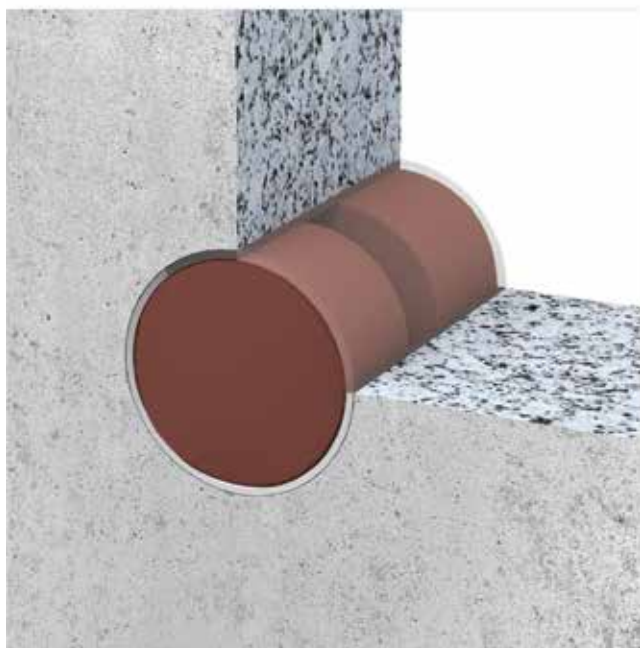


Fire Protection Plug PYROSIT®

Installation Manual



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1 SAFETY WARNINGS!

This product is designed to be used by professional contractors familiar with the applicable federal, state, and local regulations and specifications concerning the installation of firestopping systems. Prior to handling this product, carefully read the safety data sheet and the following important health and safety warnings.

**PRODUCT FOR INDUSTRIAL OR PROFESSIONAL USE ONLY.
KEEP AWAY FROM CHILDREN.**

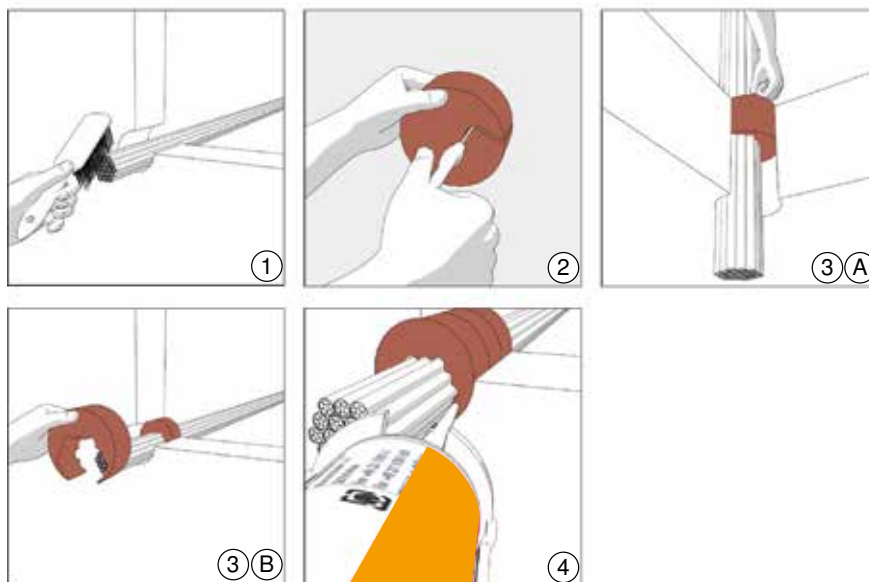
Always wear suitable protective clothing, protective gloves and eye protection. When cutting this product to appropriate size or creating new openings for retroactive installation, user may cut or otherwise hurt himself or herself. Therefore, use extreme caution when cutting or otherwise mechanically processing this product.

In addition, when cutting or otherwise mechanically processing this product, small particles may be created that may cause irritation to the eyes and respiratory system. Therefore, be extremely careful to avoid direct contact, especially if working overhead. If product comes into contact with eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical attention. The ingredients in this product may form dangerous gases and vapors in case of fire. These include ammonia, phosphorous oxide, carbon monoxide and carbon dioxide. Seek medical attention if exposed.

2 Installation steps

The UL listed systems for Fire Protection Plug PYROSIT® and the respective local and federal regulations are authoritative for execution of the through penetration firestop system. Wear suitable protective gloves, safety glasses and protective clothing for the work.



- ① Clean the component opening.
- ② Select the suitable size of the Fire Protection Plug PYROSIT® for the component opening (see system components). Cut Fire Protection Plug PYROSIT® to the appropriate size for the penetrating elements.
- ③ Insert the Fire Protection Plug PYROSIT® that has been cut to size into the component opening so it is tightly seated and the outer circumference of the Fire Protection Plug PYROSIT® is flush from top surface of floor (③A) or both surfaces of the wall (③B).
- ④ Interstices between penetrating items and open joints must be filled with Fire Protection Sealant PYROSIT®.

3 Retroactive installation

- Take the Fire Protection Plug PYROSIT® out of the through penetration firestop system.
- Cut the Fire Protection Plug PYROSIT® to the appropriate size for the new penetrating items, so that a sufficiently large opening is produced.
- Reinsert Fire Protection Plug PYROSIT® that have been cut to size into the component opening so it is again tightly seated. Interstices between penetrating items and open joints must be filled with Fire Protection Sealant PYROSIT®.
- Alternatively use a suitable cutting/drilling tool to make a sufficiently large opening in the through penetration firestop system (in compliance with the necessary protective measures and safety regulations).
- Individual cables can be forced through Fire Protection Plug PYROSIT®.
- Interstices between penetrating items and open joints must be filled with Fire Protection Sealant PYROSIT®.
- The newly added penetrating elements must satisfy all requirements of the UL listed systems.

4 System components



	Designation	Type	Art. no.	PU
①	Fire Protection Plug	FSU-P2.5 FSU-P3 FSU-P4 FSU-P4.5 FSU-P5	7203909 7203912 7203915 7203918 7203921	4
②	Fire Protection Sealant	FSU-M	7203906	1
③	Identification Plate	FSU-IP	7203924	1

5 Accessories



	Designation	Type	Art. no.	PU
④	Cartridge pistol, 1 component, hand-actuated	KVM-P	2363019	1

6 Tips

- We recommend a knife with serrated blade for optimal cutting of the PYROSIT®-Fire Protection Products.
- After filling the interstices between the cables and open joints with Fire Protection Sealant PYROSIT®, these fillings can be smoothed with a brush moistened with water.
- Installation of penetration seals in floors by a single person is possible.
- By cutting out a circular segment, Fire Protection Plugs PYROSIT® that are over-sized can easily be made to fit.
- The through penetration firestop system can be painted over with off-the-shelf dispersion paint.

7 Supplemental requirements

The through penetration firestop system shall be permanently marked with an identification plate.

8 Product data Fire Protection Plug

Transport/storage	Dry, protected against dust and only in the original packaging.
Environmental conditions	Use in dry rooms and indoors with temperatures above 32 °F/0 °C (Exposure to the weather is applicable when an additional (silicone) coating is used).

9 Important Notice to User

This installation guide is intended only to highlight general steps or methods for the application of Fire Protection Plug PYROSIT® and is not intended to describe all details and requirements. System specifications should comply with federal, state and local regulations. Installer should confirm that the field conditions (such as opening size, pipe size and material, insulation type and thickness, and annular space) comply with the system specifications.

Technical Information:

The technical information, recommendations and other statements contained in this document are based upon tests or experience that OBO Bettermann believes are reliable, but OBO does not guarantee the accuracy or completeness of such information.

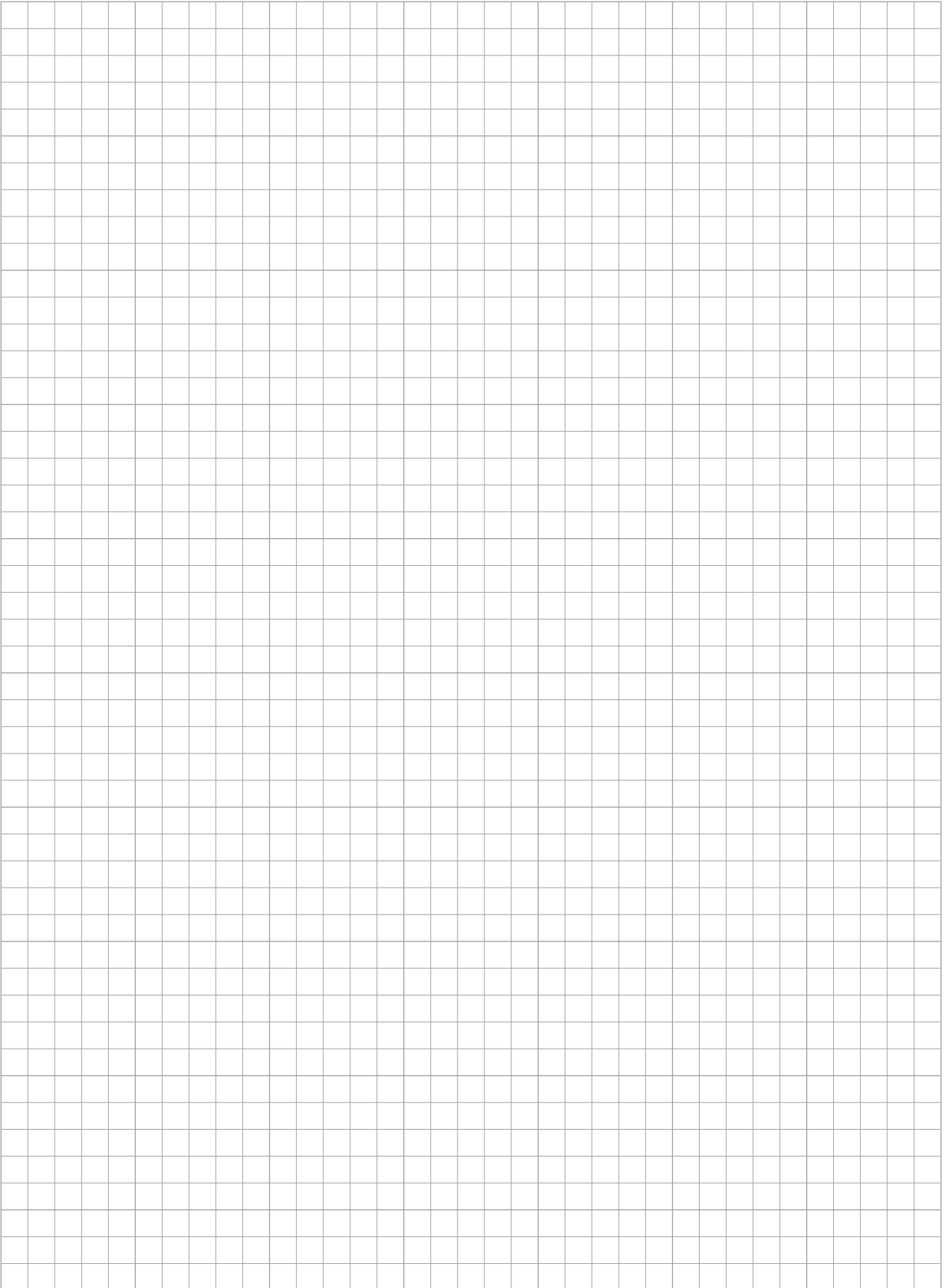
Product Use:

The use and performance of a OBO product in a particular application is affected by many factors beyond OBO's control and uniquely within user's knowledge and control. Given the variety of factors that can affect the use and performance, user is solely responsible for evaluating the product and determining whether it is fit for a particular purpose and suitable for user's method of application.

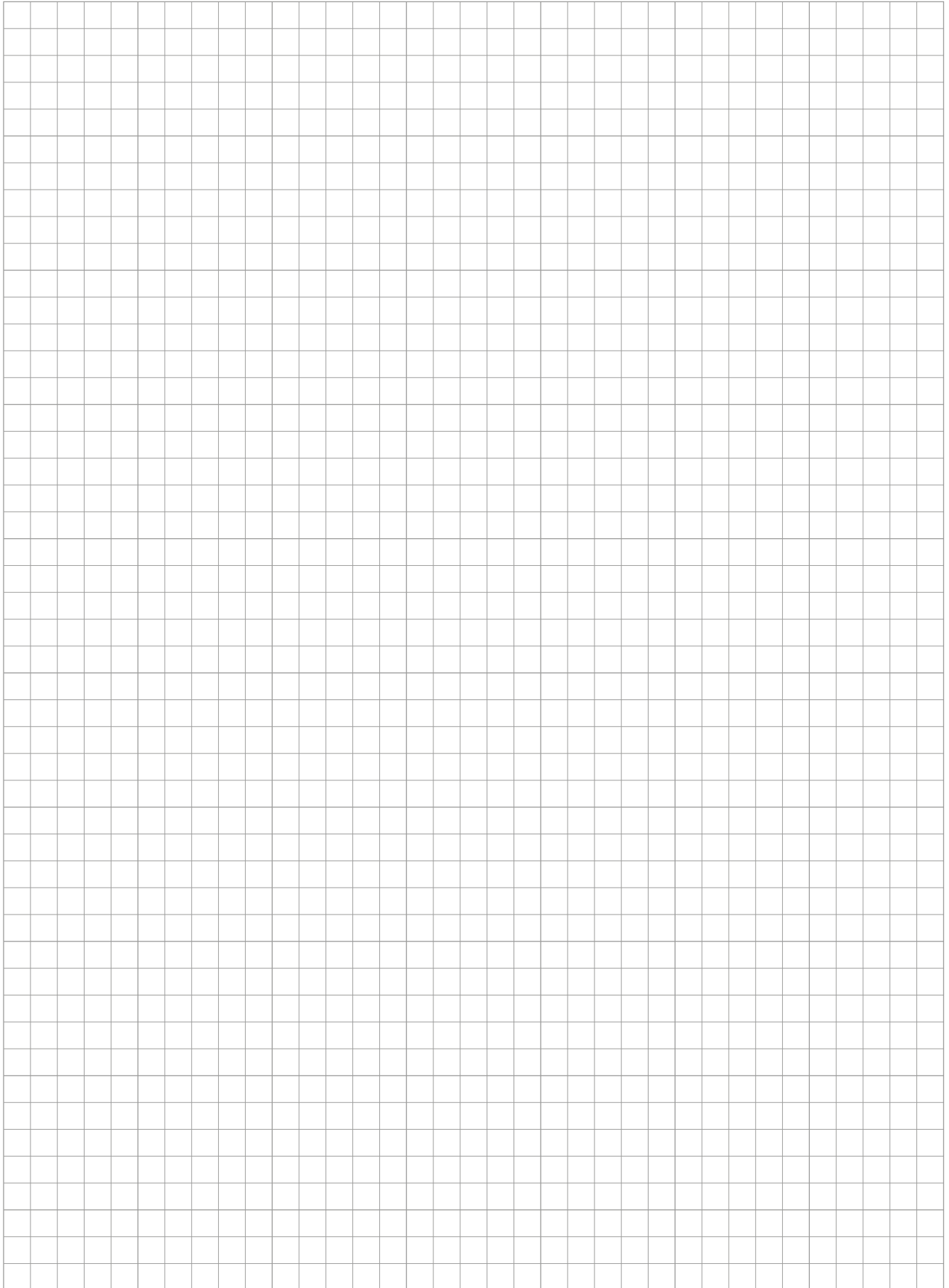
90 Day Limited Warranty and Limited Remedy: OBO warrants that each OBO product will be free from defects in material and workmanship for 90 days from the date of purchase from OBO's authorized distributor. OBO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If an OBO product does not conform to this warranty, the sole and exclusive remedy is, at OBO's option, replacement of the OBO product or refund of the purchase price.

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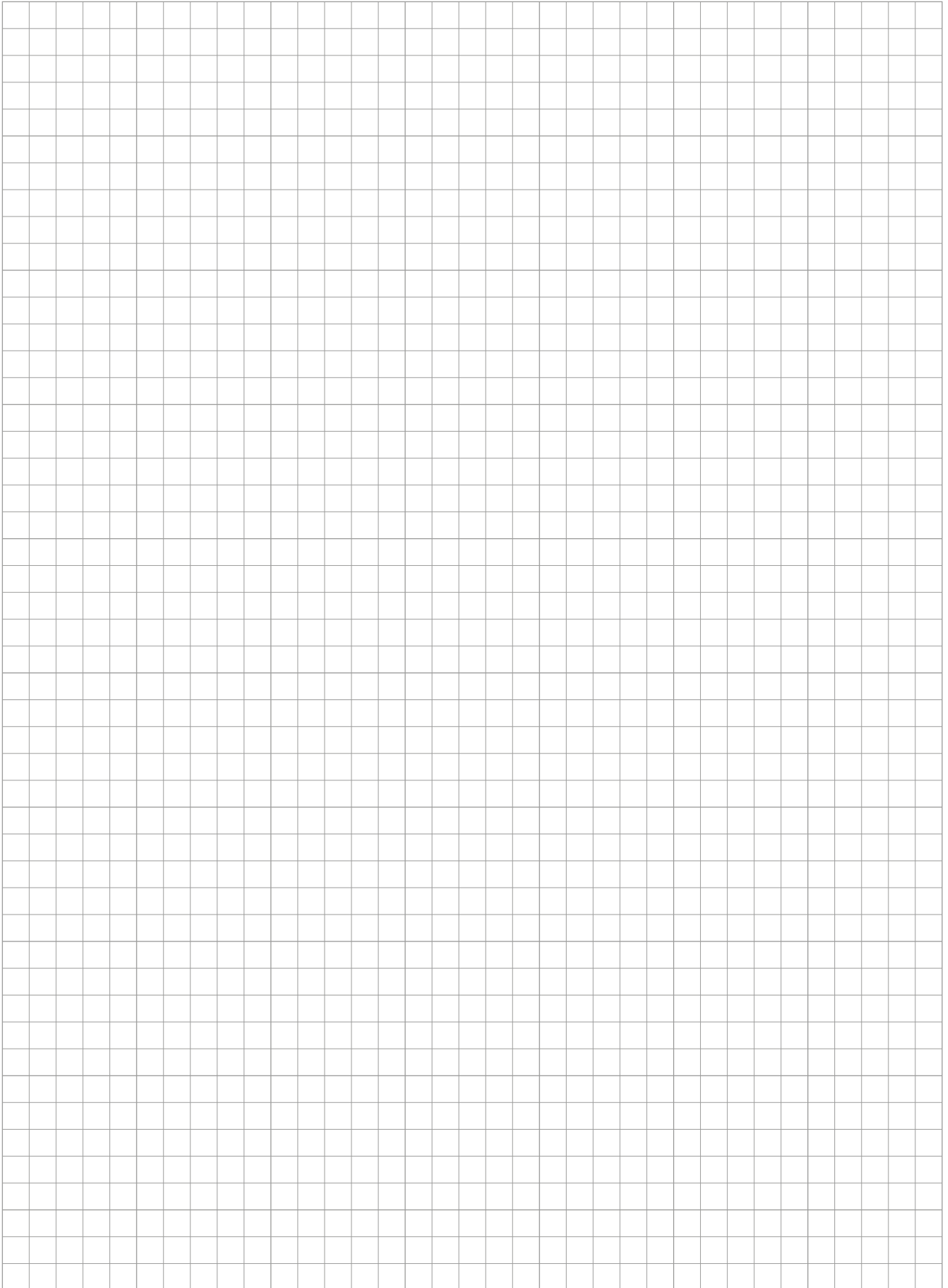
Own notes



Own notes



Own notes



OBO Bettermann Holding GmbH & Co. KG

P.O. Box 1120
58694 Menden
Germany

Customer Service

Tel.: +49 2373 89 - 1700
E-Mail: export@obo.de

www.obo-bettermann.com

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