PL **EN** DE CS SK

Instructions for Use (Operation) and Safety Information

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*Call cost according to the operator's tariff

PRODUCT INSTRUCTIONS FOR USE (OPERATION)	
1. Type	The construction element complies with the European Technical Assessment (ETA) and the declaration of performance properties.
2. Application	A concrete screw is an anchor made of carbon steel used for static or quasi-static loads: all sizes and embedment depths.
3. Usage/Assembly	**Basic Materials:** • Reinforced and non-reinforced concrete in accordance with EN 206-1 • Strength classes C20/25 to C50/60 according to EN 206-1 • Cracked and non-cracked concrete **Usage Conditions (Environmental Conditions):** • The anchor should be used in dry indoor conditions. • The anchor may be used for fastening applications requiring fire resistance. **Design:** • The fastening design is the responsibility of an experienced engineer. • Verified calculations and drawings must be prepared considering the loads to be fastened • Fastenings subjected to static and quasi-static loads must be designed according to design method A as per EN 1992-4:2018. **Installation:** • Only hammer drilling is allowed.• The anchor must be installed by a qualified person under the supervision of a responsible technician.• In case of a broken hole: drill a new hole at a minimum distance equal to twice the depth of the broken hole, or at a shorter distance if the broken hole is filled with high-strength mortar and if, under shear or diagonal load, this is not the direction of applied force.• Once installed, further rotation of the anchor is not possible. The anchor must be fastened using a torque wrench or an electric impact driver; power consumption: 500W; torque: 50-250 Nm (e.g., Bosch GDS 18E).
4. Maintenance	Long-term durability is ensured through regular technical inspections and maintenance. The owner is responsible for maintaining the proper technical condition of the building during its use. Construction materials must be inspected annually. Any damage to the zinc coating or paint must be properly treated to protect against external factors.
5. Storage/Protection	PBW screws must be stored in enclosed spaces and protected from weather conditions, damage, and/or breakage.

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6. Transport	PBW screws must be transported in such a way as to protect them from damage or breakage.

SAFETY INFORMATION	
1. Identification of Hazards	The products pose no risk to health or safety, provided they are used as intended and the structures built from them are properly maintained. The products may have sharp edges.
2. Hazardous Substances	The products do not contain hazardous substances as defined in Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006, Articles 31 and 33 (REACH).
3. Waste	Waste generated from the use of the product (packaging, damaged, or destroyed products) does not pose a hazard to the user, provided it is disposed of in accordance with applicable legal regulations.
4. Personal Protective Equipment	Personal protective equipment must be used in accordance with occupational health and safety regulations.
5. Recycling	Material remaining after the demolition of a structure poses no threat to the environment.
The declaration of performance properties is available at www.domax.com in the technical documentation section.	

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