TECHNICAL DATASHEET: APP 200

PRODUCT DESCRIPTION

APP 200 is a one-component, acid-curing silicone sealant for general-purpose sealing in do-it-yourself applications. APP 200 cures at room temperature in the presence of atmospheric moisture to give a permanently flexible silicone rubber.

PRODUCT FEATURES

- Non-sag
- Ready gunnability at low (+5 °C) and high (+40 °C) temperatures
- Flexible at low (-40°C) and high temperatures (+180°C)
- Rapid cross-linking: quickly becomes tack-free
- Adheres excellently to glass, vitrified surfaces, ceramic tiles, selected plastics and most coatings

TYPICAL APPLICATION

- Ready-to-Use Silicone Sealants - General Applications
- DIY applications (car, boat, caravan, house)

PROPERTIES BEFORE CURING

	Typical value	Range
Appearance	white/translucent	
Density (g/cm3)	0.97	0.9~1.1
Tack-free time(min)	15	5~30

PROPERTIES AFTER CURING

	Typical value	Range
Hardness Shore A	18	15~40
Tensile strength (MPa)	0.6	≥0.5
Elongation at break (%)	150	≥100

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DIRECTIONS FOR USE

- Clean the surface of the substrate, remove water, oil and dust, keep the substrate dry, and make sure the substrate is firm, with no loose material or release agent.
- After aligning with the substrate, squeeze out the right amount of adhesive and apply it to the surface of the substrate.
- Unused adhesive should be resealed immediately. When reusing, if there is a small amount of
- crust at the nozzle, simply remove it before use.

APPLICATION METHOD PROCESSING

The substrate areas that will be in contact with the sealant must be clean, dry and free of all loose material such as dust, dirt, rust, oil and other contaminants. Non-porous substrates should be cleaned with a solvent and a clean, lint-free, cotton cloth. Remove residual solvent before it evaporates with a fresh clean, dry cloth.

It is the user's responsibility to test the compatibility of the sealant with the adjoining materials. Incompatible substances like coating materials (paints, varnishes and glazes) or organic plasticiser-containing rubbers (EPDM, butyl and neoprene) can lead to discolouration or other impairments like loss of adhesion of the sealant. Materials in direct contact with the applied sealant like cleaning agents and materials in indirect contact like gaseous emissions can impair the sealant's function or change its appearance. Because of the multitude of these materials, APP cannot make a general statement on the compatibility of materials with the sealant. In case of doubt, the user should conduct appropriate preliminary tests.

The time until complete curing may be extended by lower temperature, lower humidity, increased film thickness or low air exchange.
The use of tooling agents should be avoided if possible. Otherwise, water or a diluted solution of a little neutral soap or alcohol in water should be sparingly applied.

ADHESION

APP 200 exhibits excellent primerless adhesion to many non-porous siliceous materials, e.g. glass, tiles, ceramics, enamel, glazed tiles and clinker, and varnished or painted wood.
Users must carry out their own tests due to the great variety of substances.
The adhesion can be improved in many cases by pretreatment of the substrates with a primer.
If adhesion difficulties arise, please contact our technical service team.

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STORAGE & TRANSPORTATION

Recommended transportation environment	**Optimal environment: 8~28°C, <70%RH; avoid sunshine, rain, humidity, impact, and crushing of packaging.**
Recommended storage temperature	8~28°C
Storage environment	Cool, dry
Shelf life	12 months

PACKING SPECIFICATION

280 ml/cartridge, 24 pcs/carton

CAUTIONS

Store out of reach of children.
If the skin is accidentally exposed to the product, wipe with a cloth and wash with water before it cures.
If the eyes are accidentally exposed to the product, rinse immediately with water.
Use in a well-ventilated place.
Please consult the MSDS of the product for safety information.

NOTE

The information contained herein is believed to be reliable. Due to the wide range of actual conditions, it is impossible for us to anticipate every situation, so we cannot guarantee the correctness and suitability of our product for particular uses and purposes. Users should have a detailed understanding of the product before using it, and then decide for themselves the best way to use it.

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