

FOR PROFESSIONAL USE ONLY



CATALOG OF PRODUCT

FOR THE MINING INDUSTRY



interStik
adhesive solution

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QUALITY**



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“INTER STIK” d.o.o. is a company with primary goal of providing technical and technological support for the mining industry.

We are young and promising company, whose staff has decades-long experience in production of various types of adhesives for use in mining, construction, food and other industries.

The basis of development and production are adhesives for mining industry.

We have set the highest standards in production quality and application technology of our products.

“INTER STIK” d.o.o. pays special attention to ENVIRONMENTAL PROTECTION by taking care of disposal of packaging and other waste and focuses on development of ecological adhesives and their application.



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ADHESIVES FOR

the mining industry

BSC 2000, BSC 2002, BSC 3000,
BSC 4000, BSC 5000, BSC 6000,
PRIMER SC:





PRODUCT NAME:

BSC 2000

TECHNICAL DATA

BSC 2000 is a contact adhesive based on special polymers.

APPLICATION:

BSC 2000 is used for bonding rubber to metal, rubber to rubber, textile to textile and rubber to textile.

TECHNICAL DATA:

Appearance	black homogeneous solution
Dynamic viscosity (20°C), mPas	2150 - 2550
Specific gravity (ISO 2811, 20°C), g/cm ³	1.07
Total solids (ISO 3251), %	min. 18
Flash point (ISO 3679), °C	< 0
Application	by brush
Consumption,g/m ²	250 - 450
Package	tin cans: 750 g, 5 kg
Storage conditions	in original packaging, in a dark place, at temperature from 5°C to 25°C.
Storage life	4 years

INSTRUCTION FOR USE:

The surfaces on which adhesive is applied must be prepared in advance. Rubber is sanded with a steel brush until reaching fabric. **INTERSOL NF** is used for cleaning sanded areas from dust, as well as corrosion from metal. The adhesive is prepared for use by adding 5% of **HARDENER HT (40g)** to **BSC 2000** and mixing well. Thus prepared adhesive must be used within 4 hours. It is necessary to apply two coats of prepared adhesive on rubber and textile. The drying time for the first coat is 30 minutes, and 10 to 20 minutes for the second coat. If the second coat is overdried, it is necessary to apply another coat. The total time required for applying, drying, and joining the composition and the pressure process on the conveyor belt is 60 minutes. The time for putting the conveyor belt into operation under full load is a maximum of 3 hours. During this time, the adhesion of the bonded joint reaches 50% of the final adhesion. The warranty period for the bonded joint is 18 months. The adhesive can be used if the temperature of the conveyor belt ranges from +5°C to +50°C. During application, the temperature of the air can range from -30°C to +50°C. The bonded joint is resistant to elevated temperatures and is suitable for work in extreme summer and winter conditions. When bonding rubber to metal, the adhesive is applied in two coats over the primer for metal, both on metal and on rubber. The first coat is dried for 30 minutes, and the second coat from 10 to 15 minutes. Bond the surfaces and press them firmly with a press or rollers.



PRODUCT NAME:

BSC 2002

TECHNICAL DATA

BSC 2002 is a contact adhesive based on special polymers.

APPLICATION:

BSC 2002 is used for bonding rubber to metal, rubber to rubber, textile to textile and rubber to textile.

TECHNICAL DATA:

Appearance	black homogeneous solution
Dynamic viscosity (20°C), mPas	2200 - 2600
Specific gravity (ISO 2811, 20°C), g/cm ³	1.38
Total solids (ISO 3251), %	min. 16,5
Flash point (ISO 3679), °C	non-flammable
Application	by brush
Consumption,g/m ²	300 - 500
Package	tin cans: 1 kg, 6 kg
Storage conditions	in original packaging, in a dark place, at temperature from 5°C to 25°C.
Storage life	4 years

INSTRUCTION FOR USE:

The surfaces on which adhesive is applied must be prepared in advance. Rubber is sanded with a steel brush until reaching the fabric. **INTERSOL NF** is used for cleaning sanded areas from dust, as well as corrosion from metal. The adhesive is prepared for use by adding 5% of **HARDENER HT (50g)** to **BSC 2002** and mixing well. Thus prepared adhesive must be used within 4 hours. It is necessary to apply two coats of prepared adhesive on rubber and textile. The first coat must be well dried. The drying time for the first coat is 30 minutes, and 10 to 20 minutes for the second coat. If the second coat is overdried, it is necessary to apply another coat. The total time required for applying, drying, and joining the composition and the pressure process on the conveyor belt is 60 minutes. The time for putting the conveyor belt into operation under full load is a maximum of 3 hours. During this time, the adhesion of the bonded joint reaches 50% of the final adhesion. The warranty period for the bonded joint is 18 months. The adhesive can be used if the temperature of the conveyor belt ranges from +5°C to +50°C. During application, the temperature of the air can range from -30°C to +50°C. The bonded joint is resistant to elevated temperatures and is suitable for work in extreme summer and winter conditions. When bonding rubber to metal, the adhesive is applied in two coats over the primer for metal, both on metal and on rubber. The first coat is dried for 30 minutes, and the second coat from 10 to 15 minutes. Bond the surfaces and press them firmly with a press or rollers.



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PRODUCT NAME:
BSC 3000

TECHNICAL DATA

BSC 3000 is a contact adhesive based on special polymers.

APPLICATION:

BSC 3000 is used for bonding rubber to metal, rubber to rubber, textile to textile and rubber to textile.

TECHNICAL DATA:

Appearance	black homogeneous solution
Dynamic viscosity (20°C), mPas	2950 - 3400
Specific gravity (ISO 2811, 20°C), g/cm ³	1.36
Total solids (ISO 3251), %	min. 16
Flash point (ISO 3679), °C	non-flammable
Application	by brush
Consumption,g/m ²	400 - 600
Package	tin cans: 1 kg, 6 kg
Storage conditions	in original packaging, in a dark place, at temperature from 5°C to 25°C.
Storage life	4 years

INSTRUCTION FOR USE:

The surfaces on which adhesive is applied must be prepared in advance. Rubber is sanded with a steel brush until reaching the fabric. **INTERSOL NF** is used for cleaning sanded areas from dust, as well as corrosion from metal. The adhesive is prepared for use by adding 5% of **HARDENER HT (50g)** to **BSC 3000** and mixing well. Thus prepared adhesive must be used within 4 hours. It is necessary to apply two coats of prepared adhesive on rubber and textile. The first coat must be well dried. The drying time for the first coat is 30 minutes, and 10 to 20 minutes for the second coat. If the second coat is overdried, it is necessary to apply another coat. The total time required for applying, drying, and joining the composition and the pressure process on the conveyor belt is 60 minutes. The time for putting the conveyor belt into operation under full load is a maximum of 3 hours. During this time, the adhesion of the bonded joint reaches 50% of the final adhesion. The warranty period for the bonded joint is 18 months. The adhesive can be used if the temperature of the conveyor belt ranges from +5°C to +50°C. During application, the temperature of the air can range from -30°C to +50°C. The bonded joint is resistant to elevated temperatures and is suitable for work in extreme summer and winter conditions. When bonding rubber to metal, the adhesive is applied in two coats over the primer for metal, both on metal and on rubber. The first coat is dried for 30 minutes, and the second coat from 10 to 15 minutes. Bond the surfaces and press them firmly with a press or rollers.



PRODUCT NAME:
BSC 4000

TECHNICAL DATA

BSC 4000 is a contact adhesive based on special polymers.

APPLICATION:

BSC 4000 is used for bonding rubber to rubber, textile to rubber, textile to textile, and rubber to metal.

TECHNICAL DATA:

Appearance	black homogeneous solution
Dynamic viscosity (20°C), mPas	1750 - 2150
Specific gravity (ISO 2811, 20°C), g/cm ³	1.28
Total solids (ISO 3251), %	min. 14,5
Flash point (ISO 3679), °C	non flammable
Application	by brush
Consumption,g/m ²	250 - 350
Package	tin cans: 1 kg, 6 kg
Storage conditions	in original packaging, in a dark place, at temperature from 5°C to 25°C.
Storage life	4 years

INSTRUCTION FOR USE:

The surfaces on which adhesive is applied must be prepared in advance. Rubber is sanded with a steel brush until reaching the fabric. **INTERSOL NF** is used for cleaning sanded areas from dust, as well as corrosion from metal. The adhesive is prepared for use by adding 5% of **HARDENER HT (50g)** to **BSC 4000** and mixing well. Thus prepared adhesive must be used within 4 hours. It is necessary to apply two coats of prepared adhesive on rubber and textile. The first coat must be well dried. The drying time for the first coat is 30 minutes, and 10 to 20 minutes for the second coat. If the second coat is overdried, it is necessary to apply another coat. The total time required for applying, drying, and joining the composition and the pressure process on the conveyor belt is 60 minutes. The time for putting the conveyor belt into operation under full load is a maximum of 3 hours. During this time, the adhesion of the bonded joint reaches 50% of the final adhesion. The warranty period for the bonded joint is 18 months. The adhesive can be used if the temperature of the conveyor belt ranges from +5°C to +50°C. During application, the temperature of the air can range from -30°C to +50°C. The bonded joint is resistant to elevated temperatures and is suitable for work in extreme summer and winter conditions. When bonding rubber to metal, the adhesive is applied in two coats over the primer for metal, both on metal and on rubber. The first coat is dried for 30 minutes, and the second coat from 10 to 15 minutes. Bond the surfaces and press them firmly with a press or rollers.



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PRODUCT NAME:
BSC 5000

TECHNICAL DATA

BSC 5000 is a contact adhesive based on special polymers.

APPLICATION:

BSC 5000 is used for bonding rubber to metal, rubber to rubber, textile to textile and rubber to textile.

TECHNICAL DATA:

Appearance	black homogeneous solution
Dynamic viscosity (20°C), mPas	2200 - 2600
Specific gravity (ISO 2811, 20°C), g/cm ³	0.90
Total solids (ISO 3251), %	min. 20
Flash point (ISO 3679), °C	< 0
Application	by brush
Consumption,g/m ²	250 - 350
Package	tin cans: 700 g, 4 kg
Storage conditions	in original packaging, in a dark place, at temperature from 5°C to 25°C.
Storage life	4 years

INSTRUCTION FOR USE:

The surfaces on which adhesive is applied must be prepared in advance. Rubber is sanded with a steel brush until reaching the fabric. **INTERSOL NF** is used for cleaning sanded areas from dust, as well as corrosion from metal. The adhesive is prepared for use by adding 5% of **HARDENER HTF (40g)** to **BSC 5000** and mixing well. Thus prepared adhesive must be used within 4 hours. It is necessary to apply two coats of prepared adhesive on rubber and textile. The first coat must be well dried. The drying time for the first coat is 30 minutes, and 10 to 20 minutes for the second coat. If the second coat is overdried, it is necessary to apply another coat. The total time required for applying, drying, and joining the composition and the pressure process on the conveyor belt is 60 minutes. The time for putting the conveyor belt into operation under full load is a maximum of 3 hours. During this time, the adhesion of the bonded joint reaches 50% of the final adhesion. The warranty period for the bonded joint is 18 months. The adhesive can be used if the temperature of the conveyor belt ranges from +5°C to +50°C. During application, the temperature of the air can range from -30°C to +50°C. The bonded joint is resistant to elevated temperatures and is suitable for work in extreme summer and winter conditions. When bonding rubber to metal, the adhesive is applied in two coats over the primer for metal, both on metal and on rubber. The first coat is dried for 30 minutes, and the second coat from 10 to 15 minutes. Bond the surfaces and press them firmly with a press or rollers.



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PRODUCT NAME:
BSC 6000

TECHNICAL DATA

BSC 6000 is a contact adhesive based on special polymers.

APPLICATION:

BSC 6000 is used for bonding rubber to metal, rubber to rubber, textile to textile and rubber to textile.

TECHNICAL DATA:

Appearance	black homogeneous solution
Dynamic viscosity (20°C), mPas	1950 - 2350
Specific gravity (ISO 2811, 20°C), g/cm ³	0.90
Total solids (ISO 3251), %	min. 21
Flash point (ISO 3679), °C	< 0
Application	by brush
Consumption,g/m ²	250 - 350
Package	tin cans: 700 g, 4 kg
Storage conditions	in original packaging, in a dark place, at temperature from 5°C to 25°C.
Storage life	4 years

INSTRUCTION FOR USE:

The surfaces on which adhesive is applied must be prepared in advance. Rubber is sanded with a steel brush until reaching the fabric. **INTERSOL NF** is used for cleaning sanded areas from dust, as well as corrosion from metal. The adhesive is prepared for use by adding 5% of **HARDENER HTF (40g)** to **BSC 6000** and mixing well. Thus prepared adhesive must be used within 4 hours. It is necessary to apply two coats of prepared adhesive on rubber and textile. The first coat must be well dried. The drying time for the first coat is 30 minutes, and 10 to 20 minutes for the second coat. If the second coat is overdried, it is necessary to apply another coat. The total time required for applying, drying, and joining the composition and the pressure process on the conveyor belt is 60 minutes. The time for putting the conveyor belt into operation under full load is a maximum of 3 hours. During this time, the adhesion of the bonded joint reaches 50% of the final adhesion. The warranty period for the bonded joint is 18 months. The adhesive can be used if the temperature of the conveyor belt ranges from +5°C to +50°C. During application, the temperature of the air can range from -30°C to +50°C. The bonded joint is resistant to elevated temperatures and is suitable for work in extreme summer and winter conditions. When bonding rubber to metal, the adhesive is applied in two coats over the primer for metal, both on metal and on rubber. The first coat is dried for 30 minutes, and the second coat from 10 to 15 minutes. Bond the surfaces and press them firmly with a press or rollers.



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PRODUCT NAME:
PRIMER SC

TECHNICAL DATA

PRIMER SC is a basic coating for metal made on the basis of special polymers.

APPLICATION:

PRIMER SC is used when bonding rubber on metal with **BSC 2000, BSC 2002, BSC 3000, BSC 4000, BSC 5000** and **BSC 6000** adhesives.

TECHNICAL DATA:

Appearance	gray homogeneous solution
Dynamic viscosity (20°C), mPas	1200 – 1500
Specific gravity (ISO 2811, 20°C), g/cm ³	1.31
Total solids (ISO 3251), %	min. 30
Flash point (ISO 3679), °C	< 0
Application	by brush
Consumption,g/m ²	200 – 250
Package	tin cans: 1 kg; 6 kg
Storage conditions	in original packaging, in a dark place, at temperature from 5°C to 25°C.
Storage life	4 years

INSTRUCTION FOR USE:

Metal surfaces on which **PRIMER SC** is applied are pre-prepared by sanding or sand-blasting. If rust is present on the metal surface, use a rust remover. Before applying **PRIMER SC**, metal surfaces are cleaned and degreased with **INTERSOL NF** cleanser. On such a cleaned metal surface **PRIMER SC** is applied with a brush. The drying time of the primer is min. 60 minutes. The adhesive is applied in two coats over the dried primer. The drying time is 30 minutes for the first coat and 10 to 15 minutes for the second coat. At the same time, the adhesive is also applied to the rubber surface, which is pre-prepared by sanding and cleaned with **INTERSOL NF**. Two coats are also applied on rubber, and drying time is the same as on the metal. Joining rubber and metal is performed by applying pressure necessary for the surfaces to touch. For joints exposed to temperatures higher than 100°C, our recommendation is to use **PRIMER SC** with the addition of **5% HARDENER HT (50g)**. The time of use of **PRIMER SC** homogenized with **HARDENER HT** is 4 hours.



AUXILIARIES **and** **hardeners**

INTERSOL NF, HARDENER HT,
HARDENER HTF:





PRODUCT NAME:
INTERSOL NF

TECHNICAL DATA

INTERSOL NF is an organic product made on the basis of non-flammable solvents.

APPLICATION:

INTERSOL NF is used for cleaning rubber, textile and metal surfaces after sanding, before using adhesives **BSC 2000**, **BSC 2002**, **BSC 3000**, **BSC 4000**, **BSC 5000**, **BSC 6000** and **PRIMER SC**, as well as for cleaning and washing car instrument panel and car roof before application the adhesives **CR 2000** and **PU 3000**. It is also used as a cleaning agent before application the adhesives **PU 1000**, **CR 1000** and **PU 2000** for bonding pvc or rubber. It can also be used for washing brushes used for the application.

TECHNICAL DATA:

Appearance	pale-yellow liquid
Specific gravity (ISO 2811, 20°C), g/cm ³	1,4
Flash point (ISO 3679), °C	non-flammable
Package	tin cans: 1kg, 6kg
Storage conditions	in original packaging, at temperatures up to 25°C.
Storage life	4 years

INSTRUCTION FOR USE:

Cleaning rubber, metal, and textile surfaces after sanding is done by using a suitable textile material soaked in **INTERSOL NF**. Brushes are washed every time immediately after applying the adhesive has been finished.





PRODUCT NAME:
HARDENER HT

TECHNICAL DATA

HARDENER HT is a solution of polyisocyanates. It is used as a crosslinking agent for adhesives.

APPLICATION:

HARDENER HT is used to improve the temperature resistance and the speed of chemical reaction.

TECHNICAL DATA:

Apperance	dark brown transparent liquid
Specific gravity (ISO 2811, 20°C), g/cm ³	1,3
Flash point (ISO 3679),°C	non flammable
Boiling point	40°C
Package	glass bottles: 40g, 50g
Storage conditions	in original well-closed packaging, in a dry and dark place, at temperature from 5°C to 25°C.
Storage life	4 years

INSTRUCTION FOR USE:

HARDENER HT is added in the amount of 5%. After adding **HARDENER HT**, it is necessary to homogenize the adhesive:

- by mixing with a glass stick in a container with adhesive or
- by shaking the sealed container with adhesive.

After adding **HARDENER HT**, the adhesive is good to use for 4 hours.





PRODUCT NAME:
HARDENER HTF

TECHNICAL DATA

HARDENER HTF is a solution of polyisocyanates. It is used as a crosslinking agent for adhesives.

APPLICATION:

HARDENER HTF is used to improve the temperature resistance and the speed of chemical reaction.

TECHNICAL DATA:

Apperance	light brown transparent liquid
Specific gravity (ISO 2811, 20°C), g/cm ³	1
Flash point (ISO 3679),°C	-4°C
Boiling point	77°C
Package	glass bottles: 40g, 50g
Storage conditions	in original well-closed packaging, in a dry and dark place, at temperature from 5°C to 25°C.
Storage life	4 years

INSTRUCTION FOR USE:

HARDENER HTF is added in the amount of 5%. After adding **HARDENER HTF**, it is necessary to homogenize the adhesive:

- by mixing with a glass stick in a container with adhesive or
- by shaking the sealed container with adhesive.

After adding **HARDENER HTF**, the adhesive is good to use for 4 hours.



Napomene/Notes:



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