ABOUT US:

- Taroo Company for Waterproofing & Asphalt Insulation Industries.

- Taroo Factory and Company is located in the Kurdistan Region of Iraq - Erbil Governorate - 25 km south of Erbil, on area of 63,000 square meters.

- We are a manufacturer of a full range of bituminous products for waterproofing - roofs - foundations - underground structures, basements, dams' channel.

- Our products meet with international standards by a specialized staff of technicians with high quality raw materials under laboratory examination.

- Taroo Company is an Iraqi joint stock company that started production in 2007 with a production capacity of 35,000 tons annually.

- Its products are sold in all local and international markets.

- Taroo is licensed by the Ministry of Trade and Industry in the Kurdistan Region of Iraq, the General Directorate of Industrial Development in Erbil: License No. 13030.

- Taroo has obtained the international quality certificate ISO 9001-2015.

OUR PROJECTS:

- Erbil Customs.
- Erbil Silo Steel.
- Hiwa Residential Community.
- Zeitoun Residential Community.
- Chavilan Community.
- Actons Residential Complex.
- Penguin Community.
- Chwarchra Community.
- Hamrin Diyala Water Project.
- Shaqlawa Road Tunnel.
- 120 M Street, Erbil.
- Asphalting works for schools in Mosul.
- Government projects in Kirkuk.
- Government projects in Basra.
- The United Nations headquarter in Erbil.
- Erbil municipality projects - 60 M Street.

OUR PRODUCTS:

1- Liquid bitumen primer D 41.
2- Liquid rubberized bitumen.
3- Hot elastic mastic.
4- Cold mastic sealer.
5- Flooring bitumen.
6- Polymer Modified Bitumen PMB.
7- Oxidized bitumen 40 - 50.
8- Oxidized bitumen 60 - 70.
9- Oxidized bitumen 35 - 45.
10- Prime Coat MC.
11- Tack Coat RC.

TAROO PRIMER Liquid Bitumen Primer D41

LIQUID BITUMEN PRIMER D41

Cold liquid bitumen paint containing organic solvents.

DESCRIPTION:

1- This paint is made for indoor and outdoor use, for ceilings, walls, petals and aquariums to prevent moisture and water leakage.

2- Ready to use without adding any diluents.

3- The paint dries within (2) hours under normal conditions. The final dryness is (24) hours.

4- It can be used on concrete, wood, metal, bricks, asbestos, building panels and other prefabricated facades.

5- (Brushed, spread) by (brush, roller, wiper, spray).

6- One liter is enough to cover an area of (2-3) square meters, depending on the cleanliness of the place.

7- This product is made of the finest local and imported materials.



APPLICATION:

Clean the place to be painted from dust, dirt, grease, moisture, cement, plaster, and all impurities by washing it with water and allowing the surface moisture to dry.

Note: All instructions must be followed carefully.

SAFETY DATA SHEET

TAROO BITUMEN PRIMER D41

Coating quick dry bitumen primer

No.	Tests	Standard Method	Result
1	Color	-	Black
2	Odor	-	Petroleum Hydrocarbon
3	Melting Point	-	-17
4	Pour Point	ASTM D-97	-18
5	Flash Point	ASTM D-97	Flammable room temp
6	Solubility	-	Insoluble
7	Flammability	-	Flammable
8	Specific Gravity @ 15.6 C	ASTM D-1298	0.9227
9	A.P.I Gravity	ASTM D-1298	21.85
10	Water Content 7%	ASTM D-95	Non detected
11	Sulfur Content w %	ASTM D-4294	2.9
12	Viscosity. @ 50 C/Cst	ASTM D-445	195
13	Ash (%w)	ASTM D-482	0.089
14	Sample Constituents	-	Bitumen + Solvent

TAROO RUBBERIZED Cold Rubberized Bitumen

COLD RUBBERIZED BITUMEN

DESCRIPTION:

A rubberized waterproof, cold-applied rubberized bitumen coating, polymer modified and solvent-dried after application, it forms a highly elastic black membrane.

USES:

It is used in kitchens, bathrooms, water basins, swimming pools, gardens, rooftop, and external walls.



APPLICATION:

Remove dust, dirt, grease, cement, plaster, and all impurities from the surface to coated, and level or repair the burrs.
The surface is coated with Taroo Rubberized.

TAROO MASTIC Hot Elastic Mastic

HOT ELASTIC MASTIC

DESCRIPTION:

A bitumen product consisting of asphalt with polymeric and elastic materials added to provide the international specifications. It's one of the (PMB) products. It is used to fill concrete joints and joints of public roads and airports.



APPLICATION:

- Prepare the surface by cleaning the joints well from dirt, grease, oil, and other impurities.
- Heat the product to no more than 130 °C.
- Spread or pour the product in the concrete joints.

SAFETY DATA SHEET

HOT ELASTIC MASTIC
Technical Specification

Properties	Value	Measuring Method
Softening Degree	25 °C	ASTM D-36
Penetration Degree	30-40°C	ASTM D-5
Flash Degree	250°C	ASTM D-92
Elongation	500%	ASTM D-412
Temperature Resistance Degree	-8°C	ASTM D-3111

TAROO COLD MASTIC Cold Mastic Sealer

COLD MASTIC SEALER

DESCRIPTION:

It is an elastic (bitumen) asphalt material, cold-used without heating to fill concrete joints, building roofs, joints of public roads and airports, to prevent water leakage. It is produced according to high international standard specification.



APPLICATION METHOD:

1- Prepare the surface to be coated by cleaning joint well from dirt, greases, oils, and other impurities before filling the concrete joints with the mastic.
2- The mastic is cold annually applied, provided that the surface level is less than 2 mm from the joint level.

TAROO BITUMEN Flooring Bitumen

FLOORING BITUMEN

Oxidized Asphalt is an oxidized asphalt material used in insulation of buildings, concrete surfaces, pipes, and public roads.



INSTRUCTIONS FOR USE:

Surface Preparation:

The surface must be thoroughly cleaned of dust, grease and oils, thin and brittle concrete removed, and the burrs leveled or repaired before starting the process of coating with asphalt.

Asphalt Heating: to a temperature not exceeding 200°C to maintain its physical properties.

Asphalt is coated on the surface to be insulated using a special brush or wiper. The coverage rate depends on the surface smoothness and the thickness of the asphalt can be increased according to the required specifications.

TAROO BITUMEN Polymer Modified Bitumen PMB

POLYMER MODIFIED BITUMEN PMB

A bitumen product consisting of bitumen with polymeric materials added to improve the specifications of oxidized bitumen to withstand high & low temperatures without breaking to give it high specifications that comply with the requirements of (PMB).

It is used as a waterproofing membrane for concrete roofs, bathrooms, and metal pipes.



INSTRUCTIONS FOR USE:

Surface Preparation:

The surface must be thoroughly cleaned of dust, grease and oils, thin and brittle concrete removed, and the burrs leveled or repaired before starting the process of coating with asphalt.

Asphalt Heating:

A temperature of no more than 200°C to maintain its physical properties.

The asphalt is coated on the surface to be insulated using a special wiper or brush. The coverage rate depends on the surface smoothness and the thickness of the asphalt can be increased according to the required specifications.

TAROO BITUMEN Oxidized Bitumen 40 - 50

OXIDIZED BITUMEN 40 -50

Oxidized Asphalt 40-50 is an oxidized asphalt material used in insulation of buildings, concrete surfaces, pipes, and public roads.



INSTRUCTIONS FOR USE:

Surface Preparation:

The surface must be thoroughly cleaned of dust, grease and oils, thin and brittle concrete removed, and the burrs leveled or repaired before starting the process of coating with asphalt.

Asphalt Heating: to a temperature not exceeding 200°C to maintain its physical properties.

Asphalt is coated on the surface to be insulated using a special brush or wiper. The coverage rate depends on the surface smoothness and the thickness of the asphalt can be increased according to the required specifications.

SAFETY DATA SHEET

OXIDIZED BITUMEN GRADE 40 -50

Technical Specification

Test Name	Result	Standard	Assessment
Penetration at ASTM D 5	46	40-50	Successfully Passed
Softening at ASTM D 113	>149	>100 cm	Successfully Passed
Viscosity at ASTM D 4402	567	Cp	Successfully Passed
Flashing Degree at ASTM D 92	294 min	>240 c	Successfully Passed
Softening Point at ASTM D 36	51.2	C	Successfully Passed
Spot Test	Negative	Negative	Successfully Passed
Test of the remaining	RTFO ASTM 2872		
Penetration Maintaining ASTM D 5	66%	>55%	Successfully Passed
Retained Softness ASTM D 113	115 CM	>25 cm	Successfully Passed

TAROO BITUMEN Oxidized Bitumen 60 - 70

OXIDIZED BITUMEN 60 -70

Oxidized Asphalt 60-70 is an oxidized asphalt material used in insulation of buildings, concrete surfaces, pipes, and public roads.



INSTRUCTIONS FOR USE:

Surface Preparation:

The surface must be thoroughly cleaned of dust, grease and oils, thin and brittle concrete removed, and the burrs leveled or repaired before starting the process of coating with asphalt.

Asphalt Heating: to a temperature not exceeding 200°C to maintain its physical properties.

Asphalt is coated on the surface to be insulated using a special squeegee or brush. The coverage rate depends on the surface smoothness and the thickness of the asphalt can be increased according to the required specifications.

SAFETY DATA SHEET

OXIDIZED BITUMEN GRADE 60 -70

Technical Specification

Test Name	Result	Standard	Assessment
Softening at ASTM D5 @25c	64 mm/10	60-70	Successfully Passed
Relative Thickness at ASTM D70 @25c	10.29 gm/cc	1.01-1.06	Successfully Passed
Softening at ASTM D113 @25C	>149 cm	>100 cm	Successfully Passed
Viscosity at ASTM D4402 @25C	418 c min	>300 cm	Successfully Passed
Flash Degree at ASTM D92	293 c min	>240 cm	Successfully Passed
Softening Point at ASTM D36	49 C	>47 c	Successfully Passed
Solution in Toluene ASTM D4	99,8%	99.5 min	Successfully Passed
Loss by heating ASTM D6	0,09%	0.2 max	Successfully Passed
Test of the remaining	RTFO ASTM 2872		
Penetration Maintaining ASTM D5	68%	>55%	Successfully Passed
Retained Softness ASTM D113	150 CM	>50 cm	Successfully Passed

TAROO BITUMEN Oxidized Bitumen 35 - 45

OXIDIZED BITUMEN 35 -45

Oxidized Asphalt 35-45 is an oxidized asphalt material used in insulation of buildings, concrete surfaces, pipes, and public roads.



INSTRUCTIONS FOR USE:

Surface Preparation:

The surface must be thoroughly cleaned of dust, grease and oils, thin and brittle concrete removed, and the burrs leveled or repaired before starting the process of coating with asphalt.

Asphalt Heating: to a temperature not exceeding 200°C to maintain its physical properties.

Asphalt is coated on the surface to be insulated using a special squeegee or brush. The coverage rate depends on the surface smoothness and the thickness of the asphalt can be increased according to the required specifications.

TAROO COAT MC & RC

PRIME COAT (Asphalt Paint) MC

The first layer of paint is a “Prime Coat” impregnation between the primer coat and the asphalt coat. It fills the pores in the prime coat and strengthens the cohesion between the prime coat and the asphalt coat and acts as a waterproofing membrane. Its composition is medium volatile liquid asphalt. The spray rate ranges from 1-1.5 cm kg/m2 of a flat surface, depending on the product specifications. It takes 24 hours, sometimes 48 hours.



TACK COAT (Asphalt Paint Layers) RC

It is a fast volatile liquid asphalt RC that is used to connect the asphalt coats to each other, such as the asphalt coat and the asphalt surface or the old asphalt and the new asphalt coats. Spray rates range from 0.5 kg to 1 kg/m2.



HEALTH AND SAFETY

1- The mentioned liquid products are asphalt derivatives and contain flammable products.
2- Keep away from sources of flame.
3- Avoid breathing mist.
4- Gloves must be used.
5- Be careful not to heat it warmly.
6- All products must be stored in shaded warehouses.

TAROO COMPANY

for Waterproofing & Asphalt Insulation Industries

Producing Isolating & Moisture Preventing Materials
(Liquid bitumen primer D 41, Liquid rubberized bitumen,
Hot elastic mastic, Cold mastic sealer, Flooring bitumen,
Polymer Modified Bitumen PMB, Oxidized bitumen 40-50,
Oxidized bitumen 60-70, Oxidized bitumen 35-45,
Prime Coat MC, Tack Coat RC).

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International Quality Certificate ISO 9001: 2015



ISO 9001:2015

IAS ACCREDITED Management Systems Certification Body MSCB-131

IAF

SIS CERT

Registration Certificate

This Certificate has been awarded to

TAROO Co.

Iraq, Erbil, Kirkok Str. Qushtaba

In recognition of the organization's Management System which complies with Requirements of

ISO 9001:2015- Quality Management System

The scope of activities covered by this certificate is defined below

Production of Asphalt and Moisture Proofing Materials

SYNDICATE OF INTERNATIONAL SYSTEM CERTIFICATIONS

Certificate Number: **SISIRQQ072019117**
Date of Issue of Original Certificate: **09.07.2019**
Date of Issue of latest certificate: **09.07.2019**
Expiry Date: **08.07.2020**
Re-certification Due on: **09.06.2022**

Managing Director

Note: This certificate is valid only if produced with the continuation letter after the surveillance is carried out successfully.

The Organization's documentation and Implementation has been reviewed and found to comply with the relevant standard rules. This certificate of Registration is based on the evaluation of the mentioned scope given above. Organization is responsible for maintaining the responsibilities of the relevant standard rules. Any significant changes in the scope of the certification or standard referred above render this certificate invalid. This is an accredited certificate issued by SIS Certifications Pvt. Ltd. sanctioned for issue by International Accreditation Services , 3060 Saturn Street Suite 100 Brea, California 92821-1732, USA.

SIS OFFICE:- Office Number 1252, 12th Floor, ADNIC Building, Khalifa Street, Abu Dhabi, UAE.
Web:- www.siscertifications.com

Issue No.: 01

INTERNATIONAL FIRST CERTIFICATION

IFC GLOBAL

INTERNATIONAL FIRST CERTIFICATION

CERTIFICATE

This certificate is granted to the organization,

TAROO Co.

Iraq, Erbil, Kirkok Str. Qushtaba

Production of Asphalt and Moisture Proofing Materials

according to the scope,

ISO 9001:2015

to certify that quality management system in accordance with standard's clauses is established and being implemented.

IFC GLOBAL INTERNATIONAL FIRST CERTIFICATION

Date of First Issue	:	08.09.2020
Date of Issue	:	08.09.2020
Certificate Period	:	3 Year/ 07.09.2023
Reissue Date	:	07.09.2021
Certificate No	:	IFC-Q-9-20-I-3950

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT
IAS ACCREDITED Management Systems Certification Body
MSCB-170-3950

System Certificate Approved

IFC GLOBAL SERTİFİKASYON MUAYENE VE EĞİTİM HİZMETLERİ ANONİM ŞİRKETİ
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TAROO Company

for Waterproofing & Asphalt Insulation Industries

Producing Isolating & Moisture Preventing Materials (MASTIC, ASPHALT, BITUMEN PRIMER)

TAROO COMPANY Our Projects



TAROO COMPANY

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ISO 9001:2015 CERTIFIED QUALITY MANAGEMENT SYSTEM

TAROO Company

for Waterproofing & Asphalt Insulation Industries

Producing Isolating & Moisture Preventing Materials (MASTIC, ASPHALT, BITUMEN PRIMER)

TAROO



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CERTIFIED QUALITY MANAGEMENT SYSTEM ISO 9001:2015

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