



BITUCO GROUP

2026

MANUFACTURER OF BITUMONUS PRODUCTS
FORTH EDITIONS



HISTORY:

FOR OVER 17 YEARS, OUR COMPANY, BITUCOGROUP, HAS SPECIALIZED IN PRODUCING AND EXPORTING VARIOUS TYPES OF BITUMEN, INCLUDING PENETRATION BITUMEN, CUTBACK BITUMEN, AND PERFORMANCE BITUMEN. WE OPERATE ON FIVE CONTINENTS, LEVERAGING OUR EXTENSIVE EXPERIENCE AND TEAM OF PROFESSIONAL EXPERTS TO ENSURE TOP-NOTCH SERVICE. NO MATTER WHERE YOU'RE LOCATED, OUR SALES TEAM IS READILY AVAILABLE TO HELP YOU CHOOSE THE BEST PRODUCTS FOR YOUR NEEDS. WE ALSO MAKE SURE ALL BITUCOGROUP PRODUCTS ARE SHIPPED IN THE BEST POSSIBLE PACKAGING, MAKING THEM EASY FOR OUR CUSTOMERS TO USE.

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THE BITUCO GROUP'S MISSION

WE DESIGN, PRODUCE, AND SUPPLY VARIOUS GRADES OF BITUMINOUS MATERIALS FOR ROAD CONSTRUCTION, ROOFING, AND WATERPROOFING PROJECTS, DELIVERING THEM TO CUSTOMERS WORLDWIDE. OUR GOAL IS TO MEET MARKET NEEDS BY DEVELOPING NEW PRODUCTS AND CONTINUOUSLY IMPROVING OUR QUALITY CONTROL PROCEDURES.





PRODUCTS:

PENETRATION GRADE:

PENETRATION GRADE BITUMEN IS CATEGORIZED BY HOW DEEPLY A STANDARD NEEDLE PENETRATES IT, WHICH INDICATES ITS VISCOSITY—A DEEPER PENETRATION MEANS IT'S LESS VISCOUS. THIS TYPE OF BITUMEN COMES FROM THE LEFTOVER RESIDUE IN VACUUM OIL REFINERIES AFTER DISTILLATION. IT'S OFTEN USED FOR ROAD SURFACING AND VARIOUS INDUSTRIAL APPLICATIONS. FURTHER PROCESSING OF THIS MATERIAL CREATES OTHER GRADES OF BITUMEN, EACH WITH THEIR OWN SPECIFIC USES, GRADES SUCH AS:

ASTM D 946:35/50, 40/50, 50/70, 60/70, 70/100, 80/100, 85/100, 90/130, 100/120, 120/150, 150/200, 200/300

VISCOSITY GRADE:

VISCOSITY IS A KEY CHARACTERISTIC OF BITUMEN THAT SHOWS HOW IT WILL ACT AT A CERTAIN TEMPERATURE OR OVER A RANGE OF TEMPERATURES. IT'S MEASURED IN PASCALS (PA.S). WHEN CLASSIFYING BITUMEN BY VISCOSITY, STANDARDS ARE SET BASED ON EITHER ITS ABSOLUTE VISCOSITY AT 60°C OR ITS KINEMATIC VISCOSITY AT 135°C. ABSOLUTE VISCOSITY IS NOTED IN PA.S, WHILE KINEMATIC VISCOSITY IS MEASURED IN CENTISTOKES. THE CLASSIFICATIONS AND SPECIFICATIONS FOR PURE BITUMEN ARE OUTLINED IN THE AASHTO -M226 AND ASTM-D3381 STANDARDS.

TYPES OF GRADES VG: VG10, VG20, VG30, VG40



PRODUCTS:

PERFORMANCE GRADE:

PERFORMANCE GRADE (PG) BITUMEN IS CATEGORIZED BY HOW WELL IT PERFORMS ACROSS VARIOUS TEMPERATURES. THE LONG-TERM PAVEMENT PERFORMANCE (LTPP) PROGRAM PROVIDES A FORMULA TO DETERMINE PAVEMENT TEMPERATURE USING THE AIR TEMPERATURE ABOVE IT. THIS ALLOWS US TO CALCULATE THE HIGHEST AND LOWEST TEMPERATURES THE PAVEMENT WILL EXPERIENCE. THEN, WE SELECT THE BITUMEN THAT PERFORMS BEST WITHIN THAT SPECIFIC TEMPERATURE RANGE.

TYPES OF GRADES PG: PG64, PG70, PG76, PG82

BITUMEN EMULSION:

BITUMEN EMULSIONS COME IN A VARIETY OF TYPES, INCLUDING CATIONIC AND ANIONIC FORMS. THEY ALSO DIFFER IN HOW QUICKLY THEY BREAK OR SET, AS WELL AS THE KIND AND AMOUNT OF BINDER THEY CONTAIN.

ANIONIC EMULSION:

IF THE BITUMEN PARTICLES WITHIN AN EMULSION CARRY A NEGATIVE ELECTRICAL CHARGE, THE RESULTING PRODUCT IS KNOWN AS ANIONIC EMULSION BITUMEN.

RS-1, RS-2, HFRS-2, MS-1, MS-2, MS-2H, HFMS-1, HFMS-2, HFMS-2H, HFMS-2S, SS-1, SS-1H



PRODUCTS:

CATIONIC EMULSION:

WHEN THE BITUMEN PARTICLES IN AN EMULSION HAVE A POSITIVE ELECTRICAL CHARGE, THE PRODUCT IS REFERRED TO AS CATIONIC EMULSION BITUMEN.

CRS-1, CRS-2, CMS-2, CMS-2H, K1-60, K1-70, CSS-1, CSS-1H

CUTBACK BITUMEN:

SOLUBLE BITUMEN IS CREATED BY DISSOLVING PURE BITUMEN IN VARIOUS SOLVENTS OR PETROLEUM OILS. THE CHARACTERISTICS AND EFFECTIVENESS OF THE RESULTING SOLUBLE BITUMEN ARE DETERMINED BY THE QUALITY OF THE ORIGINAL PURE BITUMEN, AS WELL AS THE TYPE AND QUANTITY OF THE SOLVENT USED.

RAPID OR ACCELERATING BITUMEN (RC):

WHEN PURE BITUMEN IS DISSOLVED USING GASOLINE OR SIMILAR LIGHT SOLVENTS, THE RESULTING PRODUCT IS CALLED QUICK-SETTING SOLUBLE BITUMEN. THIS IS BECAUSE THE SOLVENT EVAPORATES RAPIDLY ONCE THE BITUMEN IS APPLIED, LEAVING BEHIND THE MAIN BITUMEN COMPONENT.

RC70, RC250, RC800, RC3000



PRODUCTS:

MEDIUM CURRING BITUMEN (MC):

MEDIUM BITUMEN IS PRODUCED BY DISSOLVING PURE BITUMEN IN KEROSENE, A PROCESS THAT TAKES LONGER AND IS SLOWER THAN USING GASOLINE.

MC30, MC70, MC250, MC800, MC3000

SLOW CURRING BITUMEN (SC):

BESIDES DISSOLVING PURE BITUMEN IN SLOWER-EVAPORATING PETROLEUM SOLVENTS LIKE DIESEL OR BLACK OIL TO CREATE RETARDANT SOLUBLE BITUMEN, THIS TYPE OF BITUMEN CAN ALSO BE OBTAINED DIRECTLY FROM CRUDE OIL DISTILLATION. IN THIS CASE, IT'S ESSENTIALLY PURE BITUMEN FROM WHICH THE SOLVENT OILS HAVE NOT YET BEEN SEPARATED.

SC70, SC250, SC800, SC3000

LOGISTICS AND PACKING

IN THE TRANSPORTATION, LOGISTICS, AND SUPPLY CHAIN INDUSTRIES, THESE AREAS ARE INCREDIBLY IMPORTANT. THAT'S WHY BITUCO GROUP HAS FOCUSED ON MODERNIZING AND DIVERSIFYING ITS PACKAGING, AND OFFERING VARIOUS LOGISTICS SOLUTIONS TO ENSURE CUSTOMERS ARE AS SATISFIED AS POSSIBLE. OUR PACKAGING OPTIONS COVER ROAD, RAIL, AND SEA TRANSPORTATION. FOR MORE DETAILS, YOU CAN REFER TO OUR LOGISTICS UNIT.

Product	180kg Steel Drum	220kg Steel Drum	IBC	Bulk - Transit cargo	Bulk - Flexi	Jumbo 1000kg	Jumbo 250/300kg
MC30, MC70, RC70, SC70	No	Yes	Yes	Yes	Yes	No	No
MC250,MC800,RC250,RC800,SC250,SC800	No	Yes	No	Yes	No	No	No
MC3000, RC3000, SC3000	Yes	No	No	Yes	No	No	No
Bitumen Emulsion Anionic	No	Yes	Yes	Yes	Yes	No	No
Bitumen Emulsion Cationic	No	Yes	Yes	Yes	Yes	No	No
Penetration Grade	Yes	Yes	No	Yes	No	Yes	Yes
Oxidized Bitumen	Yes	Yes	No	Yes	No	Yes	Yes
Gilsonite	No	No	No	No	No	Yes	Yes
Performance Grade	Yes	Yes	No	Yes	No	Yes	Yes
Viscosity Grade	Yes	Yes	No	Yes	No	Yes	Yes
PMB	Yes	Yes	No	Yes	No	Yes	Yes
Rubberized Bitumen	Yes	Yes	No	Yes	No	Yes	Yes
AP Bitumen	Yes	Yes	No	Yes	No	Yes	Yes

SAFETY INFORMATION

**SAFETY IS A
PRIORITY**

ALWAYS PUT YOUR HEALTH AND SAFETY FIRST BEFORE TRYING TO RESCUE SOMEONE OR PROVIDE FIRST AID. IF BITUMEN (ASPHALT) GETS ON SKIN AND CAUSES A BURN, IMMEDIATELY IMMERSE THE AFFECTED AREA IN COLD WATER UNTIL THE BITUMEN IS THOROUGHLY COOLED. DO NOT TRY TO REMOVE THE BITUMEN; IT CREATES AN AIRTIGHT, STERILE COVERING OVER THE BURN THAT WILL EVENTUALLY FALL AWAY NATURALLY AS THE BURN HEALS.





SAFETY INFORMATION

SAFETY GUIDLINE 1

YOU SHOULD NEVER USE WATER TO EXTINGUISH FIRES OR COOL DOWN TANKS CONTAINING LIQUID ASPHALT. THE HIGH TEMPERATURES WILL CAUSE WATER TO REACT VIOLENTLY WITH THE ASPHALT.

SAFETY GUIDLINE 2

IN THE EVENT THAT THIS PRODUCT LEADS TO ENVIRONMENTAL CONTAMINATION—WHETHER IT AFFECTS SEWERS, NATURAL BODIES OF WATER, SOIL, OR AIR—BE SURE TO NOTIFY THE RELEVANT AUTHORITIES IMMEDIATELY.



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