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(JEAA)

**Asphalt emulsion**

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**Descriptors** : asphalts, emulsions, petroleum products, emulsifying, pavements (roads),  
waterproof materials, water retention and flow works

**Reference number** : JIS K 2208 : 2000 (E)

## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by the Japan Emulsified Asphalt Association (JEAA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law.

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In the event of any doubts arising as to the contents,  
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## Asphalt emulsion

**1 Scope** This Japanese Industrial Standard specifies the asphalt emulsion used for road pavement, waterproofing of bank protection, slope protection, etc. (hereafter referred to as “emulsion”).

**2 Normative references** The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard, the most recent editions (including amendments) of the standards indicated below shall be applied.

- JIS A 5001 *Crushed stone for road construction*
- JIS A 5008 *Limestone filler for bituminous paving mixtures*
- JIS B 0651 *Surface texture—Instruments for the assessment of surface texture—Profile method*
- JIS B 7410 *Liquid-in-glass thermometers for testing of petroleum products*
- JIS B 7411 *Solid-stem general purpose liquid-in-glass thermometers*
- JIS G 4303 *Stainless steel bars*
- JIS K 2207 *Petroleum asphalts*
- JIS K 2251 *Crude petroleum and petroleum products—Sampling*
- JIS K 2839 *Glasswares for testing apparatus of petroleum products*
- JIS K 8271 *Xylene*
- JIS K 8680 *Toluene*
- JIS R 3503 *Glass apparatus for chemical analysis*
- JIS R 5210 *Portland cement*
- JIS Z 8401 *Guide to the rounding of numbers*
- JIS Z 8402 *Accuracy (trueness and precision) of measurement methods and results*
- JIS Z 8801 *Test sieves*

**3 Definitions** The definitions of main terms used in this Standard shall be as follows:

- a) **asphalt emulsion** The asphalt emulsion means a liquid of brown colour dispersed with the pulverized (to about 1  $\mu\text{m}$  to 3  $\mu\text{m}$ ) straight asphalt specified in **JIS K 2207** (hereafter referred to as “asphalt”) in water containing emulsifier, stabilizer, etc. That is classified into cationic asphalt emulsion (hereafter referred to as “cationic emulsion”) and nonionic asphalt emulsion (hereafter referred to as “nonionic emulsion”).
- b) **cationic emulsion** The cationic emulsion means a liquid, which indicates generally acidic, of the dispersed asphalt in water containing the cationic surface active agent to be used as emulsifier and stabilizer and the surface of asphalt particle has positive (+) charge.