

# DIN EN 12697-4:2023-06 (E)

## Bituminous mixtures - Test methods - Part 4: Bitumen recovery: Fractionating column

---

| <b>Contents</b>         |   | <b>Page</b> |
|-------------------------|---|-------------|
| European foreword ..... |   | 3           |
| Introduction .....      |   | 5           |
| 1                       | Scope .....   | 6           |
| 2                       | Normative references .....                                      | 6           |
| 3                       | Terms and definitions .....                                     | 6           |
| 4                       | Principle .....   | 6           |
| 5                       | Apparatus .....   | 7           |
| 5.1                     | Apparatus for the extraction of the soluble bitumen .....       | 7           |
| 5.2                     | Apparatus for the clarification of the bitumen solution .....   | 7           |
| 5.3                     | Distillation apparatus .....                                    | 8           |
| 6                       | Solvent and other materials .....                               | 8           |
| 7                       | Procedure .....   | 8           |
| 7.1                     | Extraction of the bitumen and removal of insoluble matter ..... | 8           |
| 7.2                     | Assembling and checking the apparatus for air leaks .....       | 9           |
| 7.3                     | Distillation procedure .....                                    | 9           |
| 8                       | Preparation of the bitumen for testing .....                    | 10          |
| 9                       | Test report .....   | 10          |
| 10                      | Precision .....   | 11          |
| Bibliography .....      |   | 15          |