

# **BWF EQUIPMENT CERTIFICATION PROGRAMME FLOORING**

#### INTRODUCTION

This scheme was introduced in 1988 and focuses on whether equipment complies with:

- The relevant Laws of Badminton.
- Whether there are any likely safety hazards caused by the design and technical properties.
- Whether it can do the job for which it is designed with focus on the equipment being used in International BWF sanctioned tournaments (for Grade 1 and Grade 2).
- BWF will certify flooring products in three different grades "Grade 1 -BWF International Elite", "Grade 2 - BWF International Standard" and "Grade 3 - BWF Basic".

#### **CERTIFICATION PERIOD**

Flooring is tested throughout the year. The certification period runs for two years beginning from the certification date. BWF reserves the right to withdraw BWF certification at any time.

The certification procedure process may take 2 months to complete. No temporary certificate requests or immediate approval requests will be entertained.

#### APPROVAL ENTITLEMENTS

The results of all tests are examined by the BWF and, if approval is granted, the manufacturer will be entitled to include the approval statement "Certified by the BWF according to BWF Standards - Grade [insert grade]" on the packaging for that certified brand and grade. All certified companies and their products are listed on the BWF website.

It is **NOT** permitted to use the BWF logo on packaging and/or advertising.



#### HOW TO OBTAIN BWF EQUIPMENT CERTIFICATE

- 1. **Documents** – Send to the BWF the following documents:
  - a. Application form for each brand/grade/model of flooring that you wish to present for testing. The product name MUST correspond to the name on the test reports (see 1b). Applicants must indicate which Certification Grade they wish to obtain - different grades have different prices.
  - b. For each brand/grade/model of flooring please send a copy of the relevant test report, which should fulfil:
    - i. European Norm (EN) 14904, minimum including Friction, Shock Absorption and Vertical Deformation; or
    - ii. Deutsches Institut fur Normung (DIN) 18032.2, minimum including Slip Resistance, Force Reduction and Standard Deformation; and
    - iii. Test reports must be issued by a recognized international Test Institute, such as the International Association of Sports Surface Sciences, TUV or IBV; and
    - iv. Please send us the commercial leaflets and brochures as well.
- Inspection It is mandatory for a BWF representative to make 2. inspections of new flooring products when used as Badminton Floor Surface. BWF also reserves the right to send a representative to do the on-site inspection in any country for any floors for renewal. Please ensure that information is submitted on the application form about venue(s) or stadium (stadia) where the product is installed. On-site inspections require:
  - a. That the examination can take place in a badminton play scenario.
  - b. Net needs to be attached to both net posts, complying with the exact dimensions stipulated in the BWF statutes.
  - c. A thorough inspection will be held under the recommended conditions, using a standard questionnaire by the inspector.
  - d. The inspector to be able to determine whether the flooring surface complies with the laws of badminton and whether it should be recommended for BWF certification.



- e. That all tests and inspection performed are at the expense of the applicants.
- 3. Invoicing - Upon completion of the on-site inspection, an invoice will be issued for each brand and/or model. The invoice will include fees for a 24month certification period and inspection costs. All inspection costs consist of the inspector's per diem, transport, accommodation at a 4 star hotel, professional fee and air flight ticket (if required).
- 4. Issue of Certificate - The BWF Equipment Certificate will be issued upon receipt of payment.

#### HOW TO OBTAIN RENEWAL OF CERTIFICATE

- 1. Please complete, sign and return the Renewal Form including the terms and conditions in which you confirm that the specifications of the product have no changes to the floor material, assembly method or any properties since the last approval of the product.
- 2. The renewal can be done by submitting the product test report from the recognized international Test Institutes. The test report must be valid throughout the approval period requested for the particular product.
- 3. BWF will however in some cases request a new sample of the product and if in doubt about any areas around the certification BWF can request an on-site inspection of the floor again.

### **BULK FLOORING CERTIFICATES:**

Different floor products normally require separate certificates.

Different Floor products made out of the same material and with essentially the same playing properties can however be accepted under one certificate (one fee) if:

The difference is only about how the floor is assembled and that it can be certified that the assembly process does not alter the playing properties of the floor.



- The difference is only about the size of the different floor components being assembled to form the full floor (such as width of a role of a full floor mat, size of a square/tile of a floor, size of a wooden board, etc.) and that it can be certified that the size factor does not alter the playing properties of the floor
- Colour of the floor and that it can be certified that the colour factor does not alter the playing properties of the floor. And some colours would not be able to be approved by BWF for International Play. All colours need to be submitted
- Or other similar factors that would be able to be argued that the different floors are essentially the same

It will be up to the manufacturer to argue the similarities of different floor products to be put into one certification. The final assessment if different floors can be approved under one certificate will be done by BWF and it will be at BWF's sole discretion if such a bulk certificate will be accepted.

#### FEES FOR CERTIFICATION

	Wooden/Synthetic/Court Mat		
	Badminton Floor/Subfloor		
Grade 1	New: USD 5000		
	Renewal: USD 4000		
Grade 2	New: USD 5000		
	Renewal: USD 4000		
Grade 3	New/renewal: USD 3000		
	If 5 floors approved in Grade 3 then additional floors can be certified without additional fees.		

Inspection cost: All actual inspection costs are invoiced to the applicant.

#### REQUIREMENTS FOR APPROVAL

Please refer to below charts regarding Certification Standards:



### **CERTIFICATION STANDARDS - WOODEN FLOOR**

#### **WOODEN FLOOR (PERMANENT OR PORTABLE)**

(For each of the below certification grades the court equipment needs to live up to the stated certification criteria - if not otherwise stated please refer to DIN and EN minimum criteria)

APPROVED AS GRADE:	A - USED AS BADMINTON FLOOR	B - USED ONLY AS SUB-FLOOR FOR BADMINTON COURT MAT
GRADE 1: BWF INTERNATIONAL ELITE	EN 14904: FRICTION, SHOCK ABSORPTION, VERTICAL DEFORMATION or; DIN 18032.2: SLIP RESISTANCE, FORCE REDUCTION, STANDARD DEFORMATION and; APPROVED BWF REFEREES INSPECTION REPORT	EN 14904: SHOCK ABSORPTION, VERTICAL DEFORMATION or; DIN 18032.2: FORCE REDUCTION, STANDARD DEFORMATION
GRADE 2: BWF INTERNATIONAL STANDARD	EN14904: FRICTION, SHOCK ABSORPTION >=11%, VERTICAL DEFORMATION  or; DIN 18032.2: SLIP RESISTANCE, FORCE REDUCTION >=11%, STANDARD DEFORMATION  and; APPROVED BWF REFEREES INSPECTION REPORT	EN 14904: SHOCK ABSORPTION >=11%, VERTICAL DEFORMATION or; DIN 18032.2: FORCE REDUCTION >=11%, STANDARD DEFORMATION
GRADE 3: BWF BASIC	EN14904: FRICTION, SHOCK ABSORPTION >=11%  or;  DIN 18032.2: SLIP RESISTANCE, FORCE REDUCTION >=11%  and;  APPROVED BWF REFEREES INSPECTION REPORT  and;  Manufacturer must have at least 1 product/model certified as GRADE 1  - BWF INTERNATIONAL ELITE	EN 14904: SHOCK ABSORPTION >=11%  or;  DIN 18032.2: FORCE REDUCTION >=11%  and;  Manufacturer must have at least 1 product/model certified as GRADE 1 - BWF INTERNATIONAL ELITE

For use of equipment of different grades in different levels of tournaments please refer to BWF Regulations for BWF Sanctioned tournaments and/or to Continental Confederation regulations for Continental level tournaments. If Continental Confederations have regulations regarding equipment use for their own Continental tournaments then these regulations apply. BWF does not issue regulations for equipment use for tournaments sanctioned only by national Associations.



#### **CERTIFICATION STANDARDS - SYNTHETIC FLOOR**

**BWF INTERNATIONAL ELITE** 

#### SYNTHETIC FLOOR (PERMANENT OR PORTABLE) (For each of the below certification grades the court equipment needs to live up to the stated certification criteria - if not otherwise stated please refer to DIN and EN minimum criteria) **APPROVED AS GRADE:** A - USED AS BADMINTON FLOOR SURFACE **B - USED ONLY AS SUB-FLOOR FOR BADMINTON COURT MAT** EN 14904: FRICTION, SHOCK ABSORPTION, VERTICAL DEFORMATION EN 14904: SHOCK ABSORPTION, VERTICAL DEFORMATION **GRADE 1: BWF INTERNATIONAL** ELITE or; DIN 18032.2: SLIP RESISTANCE, FORCE REDUCTION, STANDARD DIN 18032.2: FORCE REDUCTION, STANDARD DEFORMATION DEFORMATION and: APPROVED BWF REFEREES INSPECTION REPORT EN14904: FRICTION, SHOCK ABSORPTION >=11%, VERTICAL EN 14904: SHOCK ABSORPTION >=11%, VERTICAL DEFORMATION **GRADE 2: BWF INTERNATIONAL** DEFORMATION **STANDARD** DIN 18032.2: FORCE REDUCTION >=11%, STANDARD DEFORMATION DIN 18032.2: SLIP RESISTANCE, FORCE REDUCTION >=11%, STANDARD DEFORMATION and: APPROVED BWF REFEREES INSPECTION REPORT EN 14904: SHOCK ABSORPTION >=11% EN14904: FRICTION, SHOCK ABSORPTION >=11% **GRADE 3: BWF BASIC** DIN 18032.2: FORCE REDUCTION >=11% DIN 18032.2: SLIP RESISTANCE, FORCE REDUCTION >=11% Manufacturer must have at least 1 product/model certified as GRADE 1 -APPROVED BWF REFEREES INSPECTION REPORT **BWF INTERNATIONAL ELITE** Manufacturer must have at least 1 product/model certified as GRADE 1 -

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### **CERTIFICATION STANDARDS - BADMINTON COURT MAT**

BADMINTON COURT MAT  (For each of the below certification grades the court equipment needs to live up to the stated certification criteria - if not otherwise stated please refer to DIN and EN minimum criteria)				
APPROVED AS GRADE:	A - USED WITHOUT BWF APPROVED SUB-FLOOR	B - USED ONLY ON BWF APPROVED SUB-FLOOR		
GRADE 1: BWF INTERNATIONAL ELITE	EN 14904: FRICTION, SHOCK ABSORPTION, VERTICAL DEFORMATION  or;  DIN 18032.2: SLIP RESISTANCE, FORCE REDUCTION, STANDARD  DEFORMATION  and;  APPROVED BWF REFEREES INSPECTION REPORT	EN 14904: FRICTION  or;  DIN 18032.2: SLIP RESISTANCE  and;  APPROVED BWF REFEREES INSPECTION REPORT		
GRADE 2: BWF INTERNATIONAL STANDARD	EN14904: FRICTION, SHOCK ABSORPTION >=11%, VERTICAL DEFORMATION or; DIN 18032.2: SLIP RESISTANCE, FORCE REDUCTION >=11%, STANDARD DEFORMATION and; APPROVED BWF REFEREES INSPECTION REPORT	N/A		
GRADE 3: BWF BASIC	EN14904: FRICTION, SHOCK ABSORPTION >=11%  or;  DIN 18032.2: SLIP RESISTANCE, FORCE REDUCTION >=11%  and;  APPROVED BWF REFEREES INSPECTION REPORT  and;  Manufacturer must have at least 1 product/model certified as GRADE 1 - BWF INTERNATIONAL ELITE	N/A		

For use of equipment of different grades in different levels of tournaments please refer to BWF Regulations for BWF Sanctioned tournaments and/or to Continental Confederation regulations for Continental level tournaments. If Continental Confederations have regulations regarding equipment use for their own Continental tournaments then these regulations apply. BWF does not issue regulations for equipment use for tournaments sanctioned only by national Associations.