



WORLD KARATE FEDERATION

Member of:
Global Association of International Sport Federations (GAISF)
International World Games Association (IWGA)

HOMOLOGATION PERIOD CLOSED UNTIL DECEMBER 31st 2026

PROCEDURE FOR WKF TATAMI APPROVAL

1. The company will communicate the interest of obtaining the “WKF Approved” certification to the WKF official email: wkf@wkf.net
2. The WKF will add the brand to the waiting list for the new homologation period.
3. WKF will communicate to all the interested brands, the opening of the new homologation period.
4. WKF will send a draft of the agreement sample and the technical conditions required to the interested company.
5. The company will inform the WKF on the acceptance of the final agreement or not.
6. The company must send a competition tatami sample composed of 2 layers of polyethylene foam, in pieces of 1000 mm x 1000 mm x 20 mm, and tested following the official regulation UNE-EN 12503-4/6/7:2001 to WKF headquarters.
7. In case it is accepted, all company details and logo must be sent to the WKF to issue the final agreement and logo.
8. After the signature by the WKF President, one of the original signed agreements will be send back to the company as culmination of the tatami homologation process by the WKF.

HOMOLOGATION CONDITIONS

- WKF commits itself, along the period of validity of this contract, with worldwide applicability, to rule on the use of the “WKF Approved” Tatami, in the following terms:
 - a). WKF will inform on the compulsory use of officially approved competition tatami in all WKF 2023, 2024, 2025 and 2026 official events.
 - b). WKF will not allow in any official WKF event the use of competition tatami of any brand that is not officially approved by the WKF.
 - c). WKF will communicate to all its National Federations members the contact details of the suppliers of products officially approved.
 - d). WKF will make available during the effectiveness of this contract an exclusive space in the HOME PAGE of its website, in which will be included the promotional actions listed below:



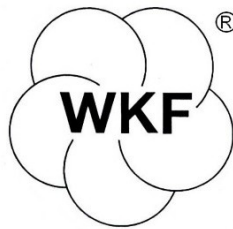
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- Full commercial address.
 - Picture of your Tatami "WKF Approved"
 - Link with direct access to official web
- e). WKF cedes to the "WKF Approved" Brand during the validity period of this contract the use its logo that will appear close to the text "APPROVED" in the officially approved item.
- The "WKF Approved" commits itself, in exchange for the above stated, to:
 - a) Maintain the high quality and technical features in the item officially approved, without making any change on them.
 - b) Include WKF logo in all material officially approved so that it can be well and easily seen with the following requirements:

1.- The WKF logo and the word to be printed in each piece will be located in one of the corners of each piece of the tatami. The pieces of the tatami will be 1m x 1m and the diameter of WKF logo will be of 8 cm maximum, as it is shown below:



APPROVED

2.- The "WKF Approved" Brand commits itself not to put the WKF logo nor the legend "WKF APPROVED" in any product other than the one approved through this contract.



REQUIREMENTS AND TECHNICAL SPECIFICATIONS

The Karate Tatami should consist of jig-saw type mat pieces 1 m x 1 m. The pieces can be blue, red or both colors reversible.

The study carried out by the WKF has benchmarked the following properties:

FRICITION: The friction value of the pieces surface must be $\geq 0,7$, in application of the test described in the standard UNE-EN 12503-6:2001. Part 6: Determination of the upper friction.

IMPACT ABSORPTION: The values detailed are based on the test conducted in accordance with the standard UNE-EN 12503-4:2001 (Part 4 Determination of shock absorption); the three parameters measured must give the following approximate results:

- Deceleration (average) ≤ 65 g
- Deflection (average) ≤ 17 mm
- Elasticity (average) $\leq 39\%$

STATIC STIFFNESS: The value is based on the test conducted in accordance with the standard UNE-EN 12503-7:2001 (Part 7 Determination of static stiffness). The result must be ≤ 6 mm.

On the other hand and in order to provide you with more information regarding the features of the manufacturing material of the Tatami, some tests have been made concerning the **Dynamic Stiffness**. The mentioned tests have been made and measured with a universal testing machine in the following conditions:

- Load applicator: 200 mm in diameter
- Preload: 50 N
- Maximum load: 1000 N
- Loading application speed: 0.1 mm / s

- Values have to be approximately:

- Force applied 950 N - 3.8 mm deformation
- Force applied 500 N - 2.2 mm deformation
- Force applied 200 N - 1.0 mm deformation

To initiate the process for the approval of the WKF Tatami it is necessary that the sample will be accompanied by a report issued by the Institute of Biomechanics of Valencia (IBV), the unique laboratory currently recognized by the WKF to perform the tests described above.